SEP 11 2014

AIR PERMIT ROUTING/APPROVAL SLIP-Permits

AI No.	38806	Company	E I DuPont de Nemours & Co Inc	Date Received	7/18/14
Activity No.	PER20140003	Facility	E I DuPont de Nemours & Co - Chloroprene	Permit Type	TV-MOD
CDS No.	2580-00041	Permit No.	3000-V5	Expedited Permit	☐ yes ☒ no

1. Technical Review		Approved	Date rec'd	Date FW	Comments
Permit Writer	LND	LND	7/22/14	7/28/14	
Air Quality / Modeling					
Toxics					
Technical Advisor		Dan Rft		7/30/14	
Supervisor				8/5/14	ok as noted
Other					
2. Management Review (if PN req'd)		**Approved**	**Date rec'd**	**Date FW**	**Comments**
Supervisor					
Manager					
Assistant Secretary (PN)					
3. Response to Comments (if PN req'd)		**Approved**	**Date rec'd**	**Date FW**	**Comments**
Supervisor					
Manager					
Administrator					
Legal (BFD)					
4. Final Approval		**Approved**	**Date rec'd**	**Date FW**	**Comments**
Supervisor					
Manager		DVC		9/9/14	
Administrator					
Assistant Secretary		TBK		9/9/14	

1. Technical Review

PN of App needed	☐ yes ☒ no	Date of PN of App		Newspaper			
Fee paid	☒ yes ☐ no						
NSPS applies	☐ yes ☒ no	PSD/NNSR applies	☐ yes ☒ no	NESHAP applies	☒ yes ☐ no		

2. Post-Technical Review

Company technical review	☒ yes ☐ no ☐ n/a	E-mail date	8/13/14	Remarks received	☐ yes ☒ no	8/13/14. Submitted add. changes	
Surveillance technical review	☒ yes ☐ no ☐ n/a	E-mail date	8/13/14	Remarks received	☐ yes ☒ no		

3. Public Notice

Public Notice Required	☐ yes ☒ no				
Library					
PN newspaper 1/City	*The Advocate*/Baton Rouge	PN Date		EDMS Verification	☐ yes ☐ no
PN newspaper 2/City		PN Date			☐ yes ☐ no
Company notification letter sent	Date mailed				
EPA PN notification e-mail sent	Date e-mailed				
OES PN mailout	Date				

4. Final Review

Public comments received	☐ yes ☐ no	EPA comments rec'd	☐ yes ☐ no	Date EPA Resp. to Comments-mailed	
Company comments received	☐ yes ☐ no	PN info entered into Permit Sec VI	☐ yes ☐ no	Date EPA approved permit	
Comments	on 8/13/14 facility submitted additional changes (w/ Technical rev. comments) left out of original APP. No comments were received. LND				

BOBBY JINDAL
GOVERNOR

PEGGY M. HATCH
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No. 7013 1090 0002 2905 6454

Activity No.: PER20140003
Agency Interest No. 38806

Mr. Walter L. Glenn
Plant Manager
E. I. DuPont de Nemours & Co. - Pontchartrain Works
586 Highway 44
Laplace, LA 70068

RE: Part 70 Operating Permit Modification
Chloroprene Unit - E. I. DuPont de Nemours & Co. - Pontchartrain Works
Laplace, St. John the Baptist Parish, Louisiana

Dear Mr. Glenn:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the 26 of April, 2017, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this 9 day of September, 2014.

Permit No.: 3000-V5
Sincerely,

Tegan B. Treadaway

Tegan B. Treadaway
Assistant Secretary

TBT:LND
c: EPA Region VI

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Chloroprene Unit
Agency Interest No.: 38806
E. I. DuPont de Nemours & Co. - Pontchartrain Works
Laplace, St. John the Baptist Parish, Louisiana

I. Background

Prior to February 1, 2012, DuPont Performance Elastomers, L.L.C. (DPE) owned and operated a chemical manufacturing facility near LaPlace, Louisiana. The facility is located on a portion of the Pontchartrain Site of E.I. DuPont de Nemours and Company (DuPont), on land that was leased to DPE by DuPont.

Effective February 1, 2012, DuPont Performance Elastomers, L.L.C. (DPE) was dissolved and all of its assets were transferred to E. I. DuPont de Nemours and Company (DuPont). A Notification of Change Form (NOC-1) for ownership change and fee were submitted to the LDEQ on January 30, 2012.

The DPE assets consisted of three (3) operating units now owned and operated by DuPont: They are as follows: the Neoprene Unit, the Chloroprene Unit, and the HCl Recovery Unit. The Neoprene Unit is authorized to operate under Air Permit No. 2249-V7 issued on May 15, 2014; the HCl Recovery Unit is authorized to operate under Air Permit No. 206-V2 issued on March 14, 2011; the Chloroprene Unit is authorized to operate under Air Permit No. 3000-V4 issued on April 26, 2012.

This is a minor modification to the Part 70 operating permit for the Chloroprene Unit.

II. Origin

A permit application and Emission Inventory Questionnaire dated July 15, 2014 were submitted by DuPont requesting a Part 70 operating permit modification. Additional information dated August 25, 2014 was also submitted.

III. Description

The DuPont Chloroprene Unit is a Synthetic Organic Chemical Manufacturing Industry (SOCMI) facility. Chloroprene (2-chloro-1,3-butadiene) is produced primarily as a raw material for the Neoprene Manufacturing Process. Chloroprene (CD) is manufactured by using four major steps:

1. DCB Synthesis – In the first step, Dichlorobutene (DCB) is manufactured in a liquid phase by ionic chlorination of butadiene in an evaporative cooled isothermal reactor. Crude DCB is a mixture of two isomers: 1,4 and 3,4-DCB.

2. DCB Refining – In the second step, the Crude DCB product is refined in a series of distillation columns. In the refining process, two DCB isomers (1,4-DCB and 3,4-DCB) are separated.
3. DCB Isomerization – In this step, the 1,4-DCB is isomerized to 3,4-DCB which is the desired raw material for the next and final monomer step.
4. CD Synthesis – In the last step, the refined 3,4-DCB is reacted with caustic, water, and a catalyst. The mixture is fed to a reactor to produce chloroprene.

Following a series of strippers and decanters, refined chloroprene is stored for use as the raw material in the manufacture of neoprene.

ACR Manufacture

The manufacture of crude ACR (2,3-dichloro, 1,3-butadiene) is performed in the Chloroprene Unit area. Crude ACR is sent, via pipeline, to the Neoprene Unit for refining and to be used in the manufacture of certain types of neoprene products and blends. The starting raw material for ACR production is trans-1,4-dichloro-2-butene (t-1,4-DCB) as produced in the existing DCB synthesis step.

Prevention of Significant Deterioration (PSD)

The DuPont facility is classified as an existing major source located in St. John the Baptist Parish, a parish in attainment with all New Source Review (NSR) regulated pollutants. The proposed permit does not include a major modification as defined in LAC 33:III.509.B. Therefore, PSD review is not required.

Non-Attainment New Source Review (NNSR)

The DuPont facility is located in St. John the Baptist Parish which is designated as an attainment area for all NSR regulated pollutants. Therefore, NNSR is not required.

With this modification, DuPont is proposing the following.

- To update General Condition XVII activity allowing the unit to remove solids from storage tanks from 50 days/yr to 80 days/yr and increase organic emissions from 0.025 TPY to 4.0 TPY.
- To update the fugitive emissions requirements under this permit by incorporating the fugitive emissions consolidation program previously approved in November 2013 for all the manufacturing units at this site.

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Chloroprene Unit
Agency Interest No.: 38806
E. I. DuPont de Nemours & Co. - Pontchartrain Works
Laplace, St. John the Baptist Parish, Louisiana

Proposed Emissions

Estimated emissions in tons per year for the Chloroprene Unit are as follows:

Pollutant	Before	After	Change
PM_{10}	0.22	0.22	-
$PM_{2.5}$			
SO_2	0.01	0.01	-
NO_X	2.97	2.97	-
CO	1.75	1.75	-
VOC *	102.66	102.66	-

*VOC TAP Speciation (TPY) LAC 33:III.Chapter 51 Regulated VOC TAPs			
Pollutant	**Before**	**After**	**Change**
Benzene	< 0.01	< 0.01	-
1,3-Butadiene[1]	10.16	10.16	-
Chloroprene	29.85	29.85	-
Cumene	< 0.001	< 0.001	-
Formaldehyde	< 0.01	< 0.01	-
Glycol Ethers (Table 51.3)	0.03	0.03	-
Toluene	2.08	2.08	-
Triethylamine	0.13	0.13	-
Total VOC TAPs	**42.27**	**42.27**	-

Other VOC	60.39

[1] Highly Reactive Volatile Organic Compound (HRVOC)

Non-VOC TAP Speciation (TPY) LAC 33:III.Chapter 51 Regulated Non-VOC TAPS			
Pollutant	**Before**	**After**	**Change**
Chlorine	0.10	0.10	-
Hydrochloric Acid	3.98	3.98	-
Total Non-VOC TAPs	**4.08**	**4.08**	-

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Chloroprene Unit
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Laplace, St. John the Baptist Parish, Louisiana

V. Type of Review

This permit was reviewed for compliance with 40 CFR Part 70, the Louisiana Air Quality Regulations, New Source Performance Standards (NSPS), and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) and Non-Attainment New Source Review (NNSR) regulations do not apply.

The DUPONT site is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51. The Chloroprene Unit emits chloroprene and 1,3-butadiene (Class II TAPs) and chlorine and hydrochloric acid (Class III TAPs) at rates above their respective minimum emission rate (MER) established in LAC 33:III.5112. Sources emitting chloroprene and 1,3-butadiene require maximum achievable control technology (MACT); MACT is not required for Class III or Supplemental TAPs, but compliance with all applicable provisions of LAC 33:III.Chapter 51 is required. The impact of all TAP emissions must be below their respective Ambient Air Standards.

VI. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VII. Public Notice

Public Notice is not required to permit a minor modification.

VIII. Effects on Ambient Air

Emissions associated with the proposed modification were reviewed by LDEQ to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

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Chloroprene Unit
Agency Interest No.: 38806
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Laplace, St. John the Baptist Parish, Louisiana

IX. General Condition XVII Activities

		Emission Rates - tons				
Work Activity	**Schedule**	**PM_{10}**	**SO_2**	**NO_X**	**CO**	**VOC**
Routine Maintenance Activities	150 hours/year	-	-	-	-	2.00
Solid Deposit Removal from Tanks	80 days/year	-	-	-	-	4.0
Outage of Refrigeration Units*	50 hours/year	-	-	-	-	0.12
Source 1140-20 – Aqueous Storage Vent Condenser*	100 hours/year	-	-	-	-	0.15
Source 1110-2A – DCB Storage Tanks' Condenser*	50 hours/year	-	-	-	-	0.02
Source 1110-4B – Catalyst Sludge Receiver*	50 hours/year	-	-	-	-	0.02
Source 1117-1 – DCB Storage Tanks' Vent*	50 hours/year	-	-	-	-	0.17
ACR Equipment Clearing	Every 3 weeks	-	-	-	-	0.10
Decanter Cleaning	Once every 6 months	-	-	-	-	0.01
Vessel Cleaning	Once every 6 months	-	-	-	-	0.145
Maintenance on 1110-26 Scrubber	200 hours/year	-	-	-	-	0.11
ACR Transfer Tank vent during scrubber maintenance	432 hrs/yr	-	-	-	-	0.20

* Maintenance Activity

XI. Insignificant Activities

Description	Max Rate (TPY) or Tank Capacity (gallons)	Citation
NMP/Actrene Tote	350 gals	LAC 33:III.501.B.5.A.3
Laboratory Hoods	-	LAC 33:III.501.B.5.A.6
1110 Building Soap Tanks	560 & 280 gals	LAC 33:III.501.B.5.A.10
Isom Building Soap Tank	560 gals	LAC 33:III.501.B.5.A.10
1192 Soap Tanks (2)	560 gals each	LAC 33:III.501.B.5.A.10
Caustic Storage Tanks (2)	350,000 gals each	LAC 33:III.501.B.5.B.40
1110-25C NMP/PTZ Tote	300 gals	LAC 33:III.501.B.5.A.3
1110-25D Recovery Column Heels Tote	300 gals	LAC 33:III.501.B.5.A.3

Chloroprene Unit
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Laplace, St. John the Baptist Parish, Louisiana

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33:III.Chapter or Section												
		5▲	9	11	13	15	2103	2113	2115	2121	29*	51*	56	59*
UNF003	Chloroprene Unit	1	1	1	1			1			1	1	1	1
EQT003	**1110-1B** Inhibitor Make-up & Feed Tanks						3							
EQT004	1110-1B.1 Inhibitor Make-up Tank						3							
EQT005	1110-1B.2 Inhibitor Feed Tank						3							
EQT006	**1110-2** Refining Jets Vent System	1							2					
EQT007	1110-2.1 JVC Effluent Tank						3							
EQT008	1110-2.2 Pentane Column								2					
EQT009	1110-2.3 Heads Column								2					
EQT010	1110-2.4 Topper Column								2					
EQT011	1110-2.5 Refiner Column								2					
EQT012	1110-2.6 Recovery Column								2					
EQT013	**1110-2A** DCB Storage Tanks Condenser	1					3							
EQT014	1110-2A.1 DCB Storage Tank No. 1						3							
EQT015	1110-2A.2 DCB Storage Tank No. 2						3							
EQT016	**1110-2B** Emergency Inhibitor Make-up Tank						3							
EQT017	**1110-3** Isom Reactor Vent System	1							2					
EQT018	1110-3A Isom JVC Effluent Tank						3							
EQT019	1110-3B TEA Storage Tank						3							
EQT020	1110-3C TEA Burette						3							
EQT021	1110-3D Catalyst Mix Tank						3							
EQT022	1110-3E Catalyst Feed Tank						3							
EQT023	1110-3F Isom Purge Tank						3							
EQT024	1110-3H Isom Distillation Column								2					
EQT025	1110-3I Isom Reactors								2					

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33:III.Chapter or Section												
		5▲	9	11	13	15	2103	2113	2115	2121	29*	51*	56	59*
EQT026	**1110-4** CD Vent Condenser	1							2					
EQT027	**1110-4B** Catalyst Sludge Receiver						3					1		
EQT028	**1110-5B** Emergency Inhibitor Feed Tank						3							
EQT029	**1110-9** Toluene Storage Tank						3							
EQT030	**1110-10** Reaction Modifier Totes						3							
EQT031	**1110-11** Reboiler Antifoulant Totes						3							
FUG002	**1110-22** ACR Process - Fugitive Emissions									3				
EQT098	**1110-25** PTZ/NMP Tanks						3							
EQT099	1110-25A PTZ/NMP Make-up Tank						3							
EQT100	1110-25A.1 PTZ/NMP Make-up Tank				1		3							
EQT101	1110-25B PTZ/NMP Storage Tank						3							
EQT114	**1110-26** ACR Process Vent								2					
EQT102	1110-26A DCB Chlorinator								2					
EQT103	1110-26B Vacuum Pump													
EQT104	1110-26C MD Condenser								2					
EQT105	1110-26D MD Separator								2					
EQT106	1110-26E MD Bubble Column								2					
EQT107	1110-26F MD Pre-reactor								2					
EQT108	1110-26G ACR Chlorinator Separator								2					
EQT109	1110-26H ACR Chlorinator								2					
EQT110	1110-26I MD Heels Decanter						3							
EQT111	1110-26J Crude ACR Decanter						3							
EQT112	1110-26K Decanter Standpipe						3							
EQT113	1110-26L Chlorinated ACR Transfer Tank						3							

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33:III.Chapter or Section												
		5▲	9	11	13	15	2103	2113	2115	2121	29*	51*	56	59*
EQT228	1110-26M ACR/Water Decanter						3							
EQT046	**1117-1** DCB Storage Tanks Vent	1					3							
EQT047	1117-1A West Crude Tank						3							
EQT048	1117-1B East Crude Tank						3							
EQT049	1117-1C 1,4-DCB Tank						3							
EQT050	1117-1D Swing Tank						3							
EQT051	1117-1E HCl Feed Tank						3							
EQT052	1117-1F Waste Organic Tank						3							
EQT053	1117-1G t-1,4-DCB Feed Tank						3							
EQT227	1117-1H Recovery Tails Tank						3							
EQT054	**1117-2** Cellosolve Storage Tank						3							
EQT055	**1117-3** CD Catalyst Tank						3							
EQT059	**1140-20** Aqueous Storage Vent Condenser	1							2					
EQT060	1140-20A Diversion Tank						3							
EQT061	1140-20B Aq. Clarifier Tank						3							
EQT062	1140-20C No. 1 CD Brine Tank						3							
EQT063	1140-20D No. 2 CD Brine Tank						3							
EQT064	**1150-25** Emergency Aqueous Tank						3							
EQT065	**1192-1** Chlorine Neutralization Tank (North)						3							
EQT066	**1192-2** Chlorine Neutralization Tank (South)						3							
EQT067	**7000-10A** Monomer Flare			1		3								
EQT068	7000-10A.1 Diluent Tank						1							
EQT069	7000-10A.2 Pentane Tank						1							
EQT070	7000-10A.3 NMP Tank						3							

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33:III.Chapter or Section												
		5▲	9	11	13	15	2103	2113	2115	2121	29*	51*	56	59*
EQT071	7000-10A.4 Flare Tank Separator						3							
EQT072	7000-10A.5 Mole Sieve Vent								3					
EQT073	7000-10A.6 Mole Sieve Regeneration Gas								1					
FUG001	**3-91** Chloroprene Unit - Fugitive Emissions									1				
EQT081	**1-93** LPC Emergency Flare	1		1		3								
EQT115	DCB Refining JVC Effluent Stream													
EQT116	ISOM JVC Effluent Stream													
EQT117	Caustic Scrubber Letdown													
EQT118	Water Layer Tank Letdown													
EQT119	CD Brine													
EQT120	Power Area Mole Sieve Header Knock-Out Pot Flush Water													
EQT121	Flare Stack Knock-Out Pot Water													
EQT122	Butadiene Sphere Wash Water													
EQT123	Hydroblasting Wash Water													
EQT124	Steam Trap Condensate													
EQT125	Water Washing of Columns and Equipment													
EQT126	Floor Washing & Miscellaneous Sumps													
EQT127	1192 Cleaning Blasting Pad Water													
EQT128	Greenhouse Sump Water													
EQT129	Deluge System Water													
EQT130	Safety Shower Water													
EQT131	Primary & Secondary CD Decanter NaCl Brine Water													
EQT132	Water Floatout of CD Reactors													
EQT133	ACR Decanter Aqueous Wastewater													

Chloroprene Unit
Agency Interest No.: 38806
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Laplace, St. John the Baptist Parish, Louisiana

* The regulations indicated above are State Only regulations.
▲ All LAC 33:III.Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

1 - The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.

2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.

3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

Chloroprene Unit
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Laplace, St. John the Baptist Parish, Louisiana

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	40 CFR Part 60						40 CFR Part 61				40 CFR Part 63						40 CFR Part		
		A	Kb	VV	III	NNN	RRR	A	J	M	FF	A	F	G	H	UU	FFFF	64	68	82
UNF003	Chloroprene Unit	1						1		1	1	1		1			1	2	1	1
EQT003	**1110-1B** Inhibitor Make-up & Feed Tanks		3											3						
EQT004	1110-1B.1 Inhibitor Make-up Tank		3											3						
EQT005	1110-1B.2 Inhibitor Feed Tank		3											3						
EQT006	**1110-2** Refining Jets Vent System					3								1						
EQT007	1110-2.1 JVC Effluent Tank		3											3						
EQT008	1110-2.2 Pentane Column					3								1						
EQT009	1110-2.3 Heads Column					3								1						
EQT010	1110-2.4 Topper Column					3								1						
EQT011	1110-2.5 Refiner Column					3								1						
EQT012	1110-2.6 Recovery Column					3								1						
EQT013	**1110-2A** DCB Storage Tanks Condenser		3											3						
EQT014	1110-2A.1 DCB Storage Tank No. 1		3											3						
EQT015	1110-2A.2 DCB Storage Tank No. 2		3											3						
EQT016	**1110-2B** Emergency Inhibitor Make-up Tank		3											3						
EQT017	**1110-3** Isom Reactor Vent System		3			3	3							1						
EQT018	1110-3A Isom JVC Effluent Tank		3											3						
EQT019	1110-3B TEA Storage Tank		3											3						
EQT020	1110-3C TEA Burette		3											3						
EQT021	1110-3D Catalyst Mix Tank		3											3						
EQT022	1110-3E Catalyst Feed Tank		3											3						
EQT023	1110-3F Isom Purge Tank		3											3						
EQT024	1110-3H Isom Distillation Column					3								1						
EQT025	1110-3I Isom Reactors						3							1						
EQT026	**1110-4** CD Vent Condenser						3							1						
EQT027	**1110-4B** Catalyst Sludge Receiver		3											3						
EQT028	**1110-5B** Emergency Inhibitor Feed Tank		3											3						
EQT029	**1110-9** Toluene Storage Tank		3											1						
EQT030	**1110-10** Reaction Modifier Totes		3											3						

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	40 CFR Part 60						40 CFR Part 61				40 CFR Part 63						40 CFR Part		
		A	Kb	VV	III	NNN	RRR	A	J	M	FF	A	F	G	H	UU	FFFF	64	68	82
EQT031	**1110-11** Reboiler Antifoulant Totes		3											3						
FUG002	**1110-22** *ACR Process - Fugitive Emissions*			3					3				3		1		3			
EQT098	**1110-25** PTZ/NMP Tanks		3											3			3			
EQT099	1110-25A PTZ/NMP Make-up Tank		3											3			3			
EQT100	1110-25A.1 PTZ/NMP Make-up Tank		3											3			3			
EQT101	1110-25B PTZ/NMP Storage Tank		3											3			3			
EQT114	**1110-26** ACR Process Vent						3						3	3			1			
EQT102	1110-26A DCB Chlorinator				3		3							3			1			
EQT103	1110-26B Vacuum Pump																1			
EQT104	1110-26C MD Condenser						3							3			1			
EQT105	1110-26D MD Separator						3							3			1			
EQT106	1110-26E MD Bubble Column						3							3			1			
EQT107	1110-26F MD Pre-reactor						3							3			1			
EQT108	1110-26G ACR Chlorinator Separator				3		3							3			1			
EQT109	1110-26H ACR Chlorinator				3		3							3			1			
EQT110	1110-26I MD Heels Decanter		3											3			3			
EQT111	1110-26J Crude ACR Decanter		3											3			3			
EQT112	1110-26K Decanter Standpipe		3											3			3			
EQT113	1110-26L Chlorinated ACR Transfer Tank		3											3			3			
EQT228	1110-26M ACR/Water Decanter		3											3			3			
EQT046	**1117-1** DCB Storage Tanks Vent		1											1						
EQT047	1117-1A West Crude Tank		3											1						
EQT048	1117-1B East Crude Tank		3											1						
EQT049	1117-1C 1,4-DCB Tank		3											3						
EQT050	1117-1D Swing Tank		3											1						
EQT051	1117-1E HCl Feed Tank		3											1						
EQT052	1117-1F Waste Organic Tank		3											1						
EQT053	1117-1G t-1,4-DCB Feed Tank		1											3			3			

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	40 CFR Part 60						40 CFR Part 61				40 CFR Part 63						40 CFR Part		
		A	Kb	VV	III	NNN	RRR	A	J	M	FF	A	F	G	H	UU	FFFF	64	68	82
EQT227	1117-1H Recovery Tails Tank		3											3			3			
EQT054	**1117-2** Cellosolve Storage Tank		3											3						
EQT055	**1117-3** CD Catalyst Tank		3											3						
EQT059	**1140-20** Aqueous Storage Vent Condenser		3											1						
EQT060	1140-20A Diversion Tank		3											1						
EQT061	1140-20B Aq. Clarifier Tank		3											1						
EQT062	1140-20C No. 1 CD Brine Tank		3											1						
EQT063	1140-20D No. 2 CD Brine Tank		3											1						
EQT064	**1150-25** Emergency Aqueous Tank		3											1						
EQT065	**1192-1** Chlorine Neutralization Tank (North)		3											3						
EQT066	**1192-2** Chlorine Neutralization Tank (South)		3											3						
EQT067	**7000-10A** Monomer Flare	3										1		1						
EQT068	7000-10A.1 Diluent Tank		3											3						
EQT069	7000-10A.2 Pentane Tank		3											3						
EQT070	7000-10A.3 NMP Tank		3											3						
EQT071	7000-10A.4 Flare Tank Separator		3											3						
EQT072	7000-10A.5 Mole Sieve Vent						3							1						
EQT073	7000-10A.6 Mole Sieve Regeneration Gas													3						
FUG001	**3-91** Chloroprene Unit - Fugitive Emissions			3					3						1					
EQT081	**1-93** LPC Emergency Flare	3										3								
EQT115	DCB Refining JVC Effluent Stream													1						
EQT116	ISOM JVC Effluent Stream													1						
EQT117	Caustic Scrubber Letdown													1						
EQT118	Water Layer Tank Letdown													1						
EQT119	CD Brine													1						
EQT120	Power Area Mole Sieve Header Knock-Out Pot Flush Water													1						
EQT121	Flare Stack Knock-Out Pot Water													1						
EQT122	Butadiene Sphere Wash Water													1						
EQT123	Hydroblasting Wash Water													1						

Chloroprene Unit
Agency Interest No.: 38806
E. I. DuPont de Nemours & Co. - Pontchartrain Works
Laplace, St. John the Baptist Parish, Louisiana

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	40 CFR Part 60						40 CFR Part 61				40 CFR Part 63						40 CFR Part		
		A	Kb	VV	III	NNN	RRR	A	J	M	FF	A	F	G	H	UU	FFFF	64	68	82
EQT124	Steam Trap Condensate													3						
EQT125	Water Washing of Columns and Equipment													1						
EQT126	Floor Washing & Miscellaneous Sumps													3						
EQT127	1192 Cleaning Blasting Pad Water													1						
EQT128	Greenhouse Sump Water													1						
EQT129	Deluge System Water													3						
EQT130	Safety Shower Water													3						
EQT131	Primary & Secondary CD Decanter NaCl Brine Water													1						
EQT132	Water Floatout of CD Reactors													1						
EQT133	ACR Decanter Aqueous Wastewater													3						

KEY TO MATRIX

1 - The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.

2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.

3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
UNF003	Chloroprene Unit	40 CFR 64 Compliance Assurance Monitoring (CAM)	**EXEMPT.** The Chloroprene unit is subject to 40 CFR 63 Subparts G and H. Therefore, this unit is exempt from CAM requirements per 40 CFR 64.2(b)(1)(i).
		Chapter 51 – Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5101.A]	DOES NOT APPLY as per LAC 33:III.5101.D. The DuPont site is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51, but the Unit is also subject to NESHAP Subparts G, H, and FFFF. Compliance with NESHAP Subparts G, H, and FFFF is compliance with LAC 33:III.5109.A Facility will comply with LAC 33:III.5107.A, 5109.B, and all applicable air toxics fees provided by LAC 33:III Chapter 2.
EQT003	**1110-1B** Inhibitor Make-up and Feed Tanks	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tanks have a capacity of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)] Tanks have capacities of 283 and 192 gallons.
		40 CFR 63.119 (Subpart G) - HON National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry (SOCMI) for Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Storage vessels venting through this source do not meet the definition of a "storage vessel" as defined in 40 CFR 63.101. Therefore, the requirements of this Subpart do not apply.

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Description	Requirement	Compliance Method/Provision
EQT004 **EQT005**	1110-1B.1 Inhibitor Make-up Tank 1110-1B.2 Inhibitor Feed Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tanks have a capacity of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)] Tanks have capacities of 283 and 192 gallons, respectively.
		40 CFR 63.119 (Subpart G) - HON HON from SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Tanks do not meet the definition of a "storage vessel" as defined in 40 CFR 63.101; tank capacities are less than 38 cubic meters (10,070 gallons). [40 CFR 63.119(a)]
EQT006	**1110-2** Refining Jets Vent System	LAC 33:III.2115 Control of Emissions of Organic Compounds: Waste Gas Disposal	**EXEMPT.** The vent stream from the individual sources serviced by this control system contains less than 100 pounds of VOC during any continuous 24-hour period. [LAC 33:III.2115.H.1.c] This vent services five distillation columns (1110-2.2 through 2.6) and one tank (1110-2.1).
		40 CFR 60 Subpart NNN Standards of Performance for VOC Emissions From SOCMI Distillation Operations	**DOES NOT APPLY.** The distillation units serviced by this control system have not been modified or reconstructed since December 30, 1983. [40 CFR 60.660(b)]

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Description	Requirement	Compliance Method/Provision
EQT007	1110-2.1 JVC Effluent Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia, and the volume of the tank is less than 250 gallons. [LAC 23:III.2103.A] Tank capacity is 216 gallons.
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tank has a capacity of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)] Tank capacity is 216 gallons.
		40 CFR 63.119 (Subpart G) - HON HON from SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Process Vent Provisions	**DOES NOT APPLY.** Tank does not meet the definition of a "storage vessel" as defined in 40 CFR 63.101; tank capacity is less than 38 cubic meters (10,070 gallons). [40 CFR 63.119(a)] Tank capacity is 216 gallons.
EQT008 **EQT009** **EQT010** **EQT011** **EQT012**	1110-2.2 Pentane Column 1110-2.3 Heads Column 1110-2.4 Topper Column 1110-2.5 Refiner Column 1110-2.6 Recovery Column	LAC 33:III.2115 Control of Emissions of Organic Compounds: Waste Gas Disposal	**EXEMPT.** Each waste gas stream has a combined weight of VOCs of less than 100 pounds in any continuous 24-hour period. [LAC 33:III.2115.H.1.c]
		40 CFR 60 Subpart NNN Standards of Performance for VOC Emissions From SOCMI Distillation Operations	**DOES NOT APPLY.** These distillation units have not been modified or reconstructed since December 30, 1983. [40 CFR 60.660(b)]

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT013	**1110-2A** DCB Storage Tanks Condenser	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A] This vent services tanks 1110-2A.1 and 1110-2A.2.
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** The tanks serviced by this condenser were constructed prior to July 23, 1984 and have not been modified. [40 CFR 60.110b(a)]
		40 CFR 63.119 (Subpart G) - HON HON From SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Storage vessels venting through this source are not subject to the HON.
EQT014 **EQT015**	1110-2A.1 DCB Storage Tank No. 1 1110-2A.2 DCB Storage Tank No. 2	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** These tanks were constructed prior to July 23, 1984 and have not been modified. [40 CFR 60.110b(a)]
	1110-2A.1 DCB Storage Tank No. 1 1110-2A.2 DCB Storage Tank No. 2	40 CFR 63.119 (Subpart G) - HON HON From SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Tanks do not meet the definition of a "storage vessel" as defined in 40 CFR 63.101; tanks storing organic liquids that contain OHAPs only as impurities are not considered storage vessels. [40 CFR 63.119(a)]

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT016	**1110-2B** Emergency Inhibitor Make-up Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tank has a capacity of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)] Tank capacity is 291 gallons.
		40 CFR 63.119 (Subpart G) - HON HON from SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Tank does not meet the definition of a "storage vessel" as defined in 40 CFR 63.101; tank capacity is less than 38 cubic meters (10,070 gallons). [40 CFR 63.119(a)] Tank capacity is 291 gallons.

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT017	**1110-3** Isom Reactor Vent System	LAC 33:III.2115 Control of Emissions of Organic Compounds: *Waste Gas Disposal*	**EXEMPT.** The vent stream from the individual sources serviced by this control system contains less than 100 pounds of VOCs during any continuous 24-hour period. [LAC 33:III.2115.H.1.c] This vent services seven storage tanks (1110-3A through 3F), one distillation column (1110-3H), and two reactors (1110-3I).
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** The tanks serviced by this control system have not been modified or reconstructed since July 23, 1984. [40 CFR 60.110b(a)]
		40 CFR 60 Subpart NNN Standards of Performance for VOC Emissions From SOCMI Distillation Operations	**DOES NOT APPLY.** The distillation unit serviced by this control system has not been modified or reconstructed since December 30, 1983. [40 CFR 60.660(b)]
		40 CFR 60 Subpart RRR Standards of Performance for VOC Emissions From SOCMI Reactor Processes	**DOES NOT APPLY.** The reactors serviced by this control system have not been modified or reconstructed since June 29, 1990. [40 CFR 60.700(b)]

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT018	1110-3A Isom JVC Effluent Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** Tank does not store a toxic air pollutant (TAP).
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tank has a capacity of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)] Tank capacity is 635 gallons.
		40 CFR 63.119 (Subpart G) - HON HON from SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Tank does not store an OHAP listed in Table 2 of 40 CFR 63 Subpart F as specified in 40 CFR 63.100(b)(2).

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Description	Requirement	Compliance Method/Provision
EQT019 **EQT020**	1110-3B TEA Storage Tank 1110-3C TEA Burrette	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** Sources emit a TAP from the Supplemental List (LAC 33:III.5112, Table 51.3). The provisions of this Section do not apply to Supplemental TAPs. Sources emit triethylamine.
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tanks have a capacity of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)] Tank capacities are 1,734 and 83 gallons, respectively.
		40 CFR 63.119 (Subpart G) - HON HON from SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Tanks do not meet the definition of a storage vessel as defined in 40 CFR 63.101; tank capacity is less than 38 cubic meters (10,070 gallons). [40 CFR 63.119(a)] Tank capacities are 1,734 and 83 gallons, respectively.

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Description	Requirement	Compliance Method/Provision
EQT021 **EQT022**	1110-3D Catalyst Mix Tank 1110-3E Catalyst Feed Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** Tanks do not store a toxic air pollutant (TAP).
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tanks have capacities of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)] Tank capacities are 1,190 and 6,086 gallons, respectively.
		40 CFR 63.119 (Subpart G) - HON HON from SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Tanks do not store an OHAP listed in Table 2 of 40 CFR 63 Subpart F as specified in 40 CFR 63.100(b)(2).

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT023	1110-3F Isom Purge Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** Tank does not store a toxic air pollutant (TAP).
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tank has not been modified or reconstructed since July 23, 1984. [40 CFR 60.110b(a)]
		40 CFR 63.119 (Subpart G) - HON HON from SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Tank does not store an OHAP listed in Table 2 of 40 CFR 63 Subpart F as specified in 40 CFR 63.100(b)(2).
EQT024	1110-3H Isom Distillation Column	LAC 33:III.2115 Control of Emissions of Organic Compounds: Waste Gas Disposal	**EXEMPT.** The waste gas stream has a combined weight of VOCs of less than 100 pounds in any continuous 24-hour period. [LAC 33:III.2115.H.1.c]
		40 CFR 60 Subpart NNN Standards of Performance for VOC Emissions From SOCMI Distillation Operations	**DOES NOT APPLY.** Distillation unit has not been modified or reconstructed since December 30, 1983. [40 CFR 60.660(b)]

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Description	Requirement	Compliance Method/Provision
EQT025	1110-3I Isom Reactors	LAC 33:III.2115 Control of Emissions of Organic Compounds: Waste Gas Disposal	**EXEMPT.** The waste gas stream has a combined weight of VOCs of less than 100 pounds in any continuous 24-hour period. [LAC 33:III.2115.H.1.c]
		40 CFR 60 Subpart RRR Standards of Performance for VOC Emissions From SOCMI Reactor Processes	**DOES NOT APPLY.** Reactors have not been modified or reconstructed since June 29, 1990. [40 CFR 60.700(b)]
EQT026	**1110-4** CD Vent Condenser	LAC 33:III.2115 Control of Emissions of Organic Compounds: Waste Gas Disposal	**EXEMPT.** The waste gas stream has a combined weight of VOCs of less than 100 pounds in any continuous 24-hour period. [LAC 33:III.2115.H.1.c]
		40 CFR 60 Subpart RRR Standards of Performance for VOC Emissions From SOCMI Reactor Processes	**DOES NOT APPLY.** The reactor system produces chloroprene which is not listed in 40 CFR 60.707. Therefore, the provisions of this Subpart do not apply to this source. [40 CFR 60.700(a)]

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Description	Requirement	Compliance Method/Provision
EQT027 **EQT028**	**1110-4B** Catalyst Sludge Receiver **1110-5B** Emergency Inhibitor Feed Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** Tanks store liquids with a true vapor pressure at storage conditions of less than 1.5 psia. [LAC 23:III.2103.A]
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tanks have a capacity of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)] Tank capacities are 6,100 and 295 gallons, respectively.
		40 CFR 63.119 (Subpart G) - HON HON from SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Tanks do not meet the definition of a storage vessel as defined in 40 CFR 63.101; tank capacity is less than 38 cubic meters (10,070 gallons). [40 CFR 63.119(a)] Tank capacities are 6,100 and 295 gallons, respectively.
EQT029	**1110-9** Toluene Storage Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tank has not been modified or reconstructed since July 23, 1984. [40 CFR 60.110b(a)]

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT030	**1110-10** Reaction Modifier Totes	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** Tank does not store a toxic air pollutant (TAP).
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tank has a capacity of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)] Tank capacity is 312 gallons.
		40 CFR 63.119 (Subpart G) - HON HON from SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Tank does not store an OHAP listed in Table 2 of 40 CFR 63 Subpart F as specified in 40 CFR 63.100(b)(2).

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Description	Requirement	Compliance Method/Provision
EQT031	**1110-11** Reboiler Antifoulant Totes	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** Tank emits xylene and cumene. Facility-wide, emissions of these TAPs are below their respective MER. Therefore, the provisions of this Section do not apply. [LAC 33:III.5109.A]
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tank has a capacity of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)] Tank capacity is 312 gallons.
		40 CFR 63.119 (Subpart G) - HON HON from SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Tank does not meet the definition of a storage vessel as defined in 40 CFR 63.101; tank capacity is less than 38 cubic meters (10,070 gallons). [40 CFR 63.119(a)] Tank capacity is 312 gallons.

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
FUG002	**1110-22** ACR Process - Fugitive Emissions	LAC 33:III.2121 Control of Emissions of Organic Compounds: Fugitive Emission Control	**DOES NOT APPLY.** The ACR Unit is not an affected facility since it is not a petroleum refinery, a natural gas processing plant, a synthetic organic chemical manufacturing industry (SOCMI) unit, a methyl tertiary butyl ether (MTBE) manufacturing unit, or a polymer manufacturing unit. [LAC 33:III.2121.A]
		LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** The ACR Unit does not emit TAPs. Sources of TAPs in the ACR Unit previously permitted in the Chloroprene Unit will be moved to the Neoprene Unit and permitted in the Neoprene Unit permit.
		40 CFR 60 Subpart VV Standards of Performance for Equipment Leaks of VOC in the SOCMI	**DOES NOT APPLY.** The ACR Unit does not meet the definition of a process unit as defined in 40 CFR 60.481; the ACR Unit produces 2,3-dichloro-1,3-butadiene (ACR) which is not listed in 40 CFR 60.489. [40 CFR 60.480(a)(2)]
		40 CFR 61 Subpart J National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene	**DOES NOT APPLY.** The ACR Unit does not operate in benzene service as defined in 40 CFR 61.111. [40 CFR 61.110(a)] The ACR Unit does not use or produce benzene.
		40 CFR 63 Subpart F HON From SOCMI	**DOES NOT APPLY.** The ACR Unit produces 2,3-dichloro-1,3-butadiene (ACR) which is not listed in Table 1 of Subpart F. [40 CFR 63.100(b)(1)(i)]

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Description	Requirement	Compliance Method/Provision
(continued) **FUG002**	**1110-22** ACR Process - Fugitive Emissions	40 CFR 63 Subpart H HON for Equipment Leaks	**DOES NOT APPLY.** The ACR Unit produces 2,3-dichloro-1,3-butadiene (ACR) *which is not listed in Table 1 of Subpart F.* However, DuPont has opted for the Fugitives Emissions Consolidated Program and the ACR Unit Fugitives will comply with 40 CFR Subpart H. [40 CFR 63.160(a)]
		40 CFR 63.2480 (Subpart FFFF) NESHAP: Miscellaneous Organic Chemical Manufacturing (MON)	**DOES NOT APPLY.** The ACR Unit does not have equipment *in organic HAP service* as defined in 40 CFR 63.2550. [*40 CFR 63.2480(a), Table 6*]

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT098 **EQT099** **EQT100** **EQT101**	**1110-25** PTZ/NMP Tanks 1110-25A PTZ/NMP Make-up Tank 1110-25A.1 PTZ/NMP Make-up Tank 1110-25B PTZ/NMP Storage Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** These tanks do not store a toxic air pollutant (TAP).
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tanks have a capacity of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)]
		40 CFR 63.119 (Subpart G) - HON HON from SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Tanks do not store an OHAP listed in Table 2 of 40 CFR 63 Subpart F as specified in 40 CFR 63.100(b)(2).
		40 CFR 63.2480 (Subpart FFFF) NESHAP: Miscellaneous Organic Chemical Manufacturing (MON)	**DOES NOT APPLY.** Sources do not meet the definition of a "storage tank" as defined in 40 CFR 63.2550. The tanks do not store organic HAPs and/or hydrogen halides and halogen HAPs.

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT114	**1110-26** ACR Process Vent	LAC 33:III.2115 Control of Emissions of Organic Compounds: Waste Gas Disposal	**EXEMPT.** The waste gas stream has a combined weight of VOCs of less than 100 pounds in any continuous 24-hour period. [LAC 33:III.2115.H.1.c]
		40 CFR 60 Subpart RRR Standards of Performance for VOC Emissions From SOCMI Reactor Processes	**DOES NOT APPLY.** The reactors venting through this source do not produce any chemicals listed in 40 CFR 60.707 as a product, co-product, by-product, or intermediate. Therefore, the provisions of this Subpart do not apply to this source. [40 CFR 60.700(a)]
		40 CFR 63 Subpart F HON From SOCMI	**DOES NOT APPLY.** This source is associated with the ACR Unit. The ACR Unit produces 2,3-dichloro-1,3-butadiene (ACR) which is not listed in Table 1 of Subpart F. This source does not emit any OHAP compounds. [40 CFR 63.100(b)(1)(i)]
		40 CFR 63.113 (Subpart G) - HON HON From SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Process Vent Provisions	**DOES NOT APPLY.** This source is associated with the ACR Unit. The ACR Unit produces 2,3-dichloro-1,3-butadiene (ACR) which is not listed in Table 1 of Subpart F. This source does not emit any OHAP compounds. [40 CFR 63.100(b)(1)(i)]

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT102 **EQT108** **EQT109**	1110-26A DCB Chlorinator 1110-26G ACR Chlorinator Separator 1110-26H ACR Chlorinator	LAC 33:III.2115 Control of Emissions of Organic Compounds: Waste Gas Disposal	**EXEMPT.** The waste gas streams have a combined weight of VOCs of less than 100 pounds in any continuous 24-hour period. [LAC 33:III.2115.H.1.c]
		40 CFR 60 Subpart III Standards of Performance for VOC Emissions From SOCMI Air Oxidation Unit Processes	**DOES NOT APPLY.** The reactors do not produce any chemicals listed in 40 CFR 60.617 as a product, co-product, by-product, or intermediate. Therefore, the provisions of this Subpart do not apply to these sources. [40 CFR 60.610(a)]
		40 CFR 60 Subpart RRR Standards of Performance for VOC Emissions From SOCMI Reactor Processes	**DOES NOT APPLY.** The reactors do not produce any chemicals listed in 40 CFR 60.707 as a product, co-product, by-product, or intermediate. Therefore, the provisions of this Subpart do not apply to these sources. [40 CFR 60.700(a)]
		40 CFR 63.113 (Subpart G) - HON HON From SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Process Vent Provisions	**DOES NOT APPLY.** These sources are associated with the ACR Unit. The ACR Unit produces 2,3-dichloro-1,3-butadiene (ACR) which is not listed in Table 1 of Subpart F. These sources do not emit any OHAP compounds. [40 CFR 63.100(b)(1)(i)]

Chloroprene Unit
Agency Interest No.: 38806
E. I. DuPont de Nemours & Co. - Pontchartrain Works
Laplace, St. John the Baptist Parish, Louisiana

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Description	Requirement	Compliance Method/Provision
EQT104 **EQT105**	1110-26C MD Condenser 1110-26D MD Separator	LAC 33:III.2115 Control of Emissions of Organic Compounds: Waste Gas Disposal	**EXEMPT.** The waste gas streams have a combined weight of VOCs of less than 100 pounds in any continuous 24-hour period. [LAC 33:III.2115.H.1.c]
EQT106 **EQT107**	1110-26E MD Bubble Column 1110-26F MD Pre-reactor	LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** Sources do not emit a toxic air pollutant (TAP).
		40 CFR 60 Subpart RRR Standards of Performance for VOC Emissions From SOCMI Reactor Processes	**DOES NOT APPLY.** The reactor system does not produce any chemicals listed in 40 CFR 60.707 as a product, co-product, by-product, or intermediate. Therefore, the provisions of this Subpart do not apply to these sources. [40 CFR 60.700(a)]
		40 CFR 63.113 (Subpart G) - HON HON From SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Process Vent Provisions	**DOES NOT APPLY.** These sources are associated with the ACR Unit. The ACR Unit produces 2,3-dichloro-1,3-butadiene (ACR) which is not listed in Table 1 of Subpart F. These sources do not emit any OHAP compounds. [40 CFR 63.100(b)(1)(i)]

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT110 **EQT111** **EQT112** **EQT113**	1110-26I MD Heels Decanter 1110-26J Crude ACR Decanter 1110-26K Decanter Standpipe 1110-26L Chlorinated ACR Transfer Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** Tanks do not store a toxic air pollutant (TAP).
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tanks have a capacity of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)] Tank capacities are 250 gallons each for 1110-26J and 3,650 gallons for 26L.
		40 CFR 63.113 (Subpart G) - HON HON From SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Process Vent Provisions	**DOES NOT APPLY.** These sources are associated with the ACR Unit. The ACR Unit produces 2,3-dichloro-1,3-butadiene (ACR) which is not listed in Table 1 of Subpart F. These sources do not emit any OHAP compounds. [40 CFR 63.100(b)(1)(i)]
		40 CFR 63.2470 (Subpart FFFF) NESHAP: Miscellaneous Organic Chemical Manufacturing (MON)	**DOES NOT APPLY.** Sources do not meet the definition of a "storage tank" as defined in 40 CFR 63.2550. The tanks do not store organic HAPs and/or hydrogen halides and halogen HAPs.

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT228	1110-26M ACR/Water Decanter	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The volume of this source is less than 250 gallons. [LAC 23:III.2103.A]
		LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** Source does not store a toxic air pollutant (TAP).
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Source has a capacity of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)]
		40 CFR 63.113 (Subpart G) - HON HON From SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Process Vent Provisions	**DOES NOT APPLY.** Source is associated with the ACR Unit. The ACR Unit produces 2,3-dichloro-1,3-butadiene (ACR) which is not listed in Table 1 of Subpart F. This source does not emit any OHAP compounds. [40 CFR 63.100(b)(1)(i)]
		40 CFR 63.2470 (Subpart FFFF) NESHAP: Miscellaneous Organic Chemical Manufacturing (MON)	**DOES NOT APPLY.** Source does not meet the definition of a "storage tank" as defined in 40 CFR 63.2550. The source does not store organic HAPs and/or hydrogen halides and halogen HAPs.

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT046	**1117-1** DCB Storage Tanks Vent	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A] This vent services seven storage tanks (1117-1A through 1117-3G).
EQT047 **EQT048** **EQT050** **EQT052**	1117-1A West Crude Tank 1117-1B East Crude Tank 1117-1D Swing Tank 1117-1F Waste Organic Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tanks have not been modified or reconstructed since July 23, 1984. [40 CFR 60.110b(a)]

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT049	1117-1C 1,4-DCB Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** Tank does not store a toxic air pollutant (TAP).
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tank has not been modified or reconstructed since July 23, 1984. [40 CFR 60.110b(a)]
		40 CFR 63.119 (Subpart G) - HON HON from SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Tank does not store an OHAP listed in Table 2 of 40 CFR 63 Subpart F as specified in 40 CFR 63.100(b)(2).
EQT051	1117-1E HCl Feed Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tank has a capacity of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)] Tank capacity is 19,320 gallons.

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT053	1117-1G t-1,4-DCB Feed Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** Tank does not store a toxic air pollutant (TAP).
		40 CFR 63.113 (Subpart G) - HON HON From SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Process Vent Provisions	**DOES NOT APPLY.** This source is associated with the ACR Unit. The ACR Unit produces 2,3-dichloro-1,3-butadiene (ACR) which is not listed in Table 1 of Subpart F. This source does not emit any OHAP compounds. [40 CFR 63.100(b)(1)(i)]
		40 CFR 63.2470 (Subpart FFFF) NESHAP: Miscellaneous Organic Chemical Manufacturing (MON)	**DOES NOT APPLY.** Source does not meet the definition of a "storage tank" as defined in 40 CFR 63.2550. This tank stores 1,4-DCB and does not store organic HAPs and/or hydrogen halides and halogen HAPs.

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT227	1117-1H Recovery Tails Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** Tank does not store a toxic air pollutant (TAP).
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tank has a capacity of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)] Tank capacity is 19,400 gallons.
		40 CFR 63.113 (Subpart G) - HON HON From SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Process Vent Provisions	**DOES NOT APPLY.** This source is associated with the ACR Unit. The ACR Unit produces 2,3-dichloro-1,3-butadiene (ACR) which is not listed in Table 1 of Subpart F. This source does not emit any OHAP compounds. [40 CFR 63.100(b)(1)(i)]
		40 CFR 63.2470 (Subpart FFFF) NESHAP: Miscellaneous Organic Chemical Manufacturing (MON)	**DOES NOT APPLY.** Source does not meet the definition of a "storage tank" as defined in 40 CFR 63.2550. This tank does not store organic HAPs and/or hydrogen halides and halogen HAPs.

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT054	**1117-2** Cellosolve Storage Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** Source emits a TAP from the Supplemental List (LAC 33:III.5112, Table 51.3). The provisions of this Section do not apply to Supplemental TAPs. Source emits glycol ethers.
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984003	**DOES NOT APPLY.** Tank has a capacity of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)] Tank capacity is 7,098 gallons.
		40 CFR 63.119 (Subpart G) - HON HON from SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Tank does not meet the definition of a "storage vessel" as defined in 40 CFR 63.101; tank capacity is less than 38 cubic meters (10,070 gallons). [40 CFR 63.119(a)] Tank capacity is 7,098 gallons.

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT055	**1117-3** CD Catalyst Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** Tank does not store a toxic air pollutant (TAP).
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tank has a capacity of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)] Tank capacity is 9,448 gallons.
		40 CFR 63.113 (Subpart G) - HON HON From SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Process Vent Provisions	**DOES NOT APPLY.** Tank does not meet the definition of a *"storage vessel"* as defined in 40 CFR 63.101. [40 CFR 63.119] Tank does not store an organic liquid that contains an organic HAP listed in Table 2 of 40 CFR 63 Subpart F.

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT059	**1140-20** Aqueous Storage Vent Condenser	LAC 33:III.2115 Control of Emissions of Organic Compounds: Waste Gas Disposal	**EXEMPT.** Waste gas stream has a combined weight of VOCs of less than 100 pounds in any continuous 24-hour period. [LAC 33:III.2115.H.1.c] This vent services four process wastewater tanks (1140-20A through 20D).
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tanks discharging though this vent have not been modified or reconstructed since July 23, 1984. [40 CFR 60.110b(a)]
EQT060 **EQT061** **EQT062** **EQT063**	1140-20A Diversion Tank 1140-20B Aqueous Storage Vent Condenser 1140-20C No. 1 CD Brine Tank 1140-20D No. 2 CD Brine Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tanks have not been modified or reconstructed since July 23, 1984. [40 CFR 60.110b(a)]

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT064	**1150-25** Emergency Aqueous Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tank has not been modified or reconstructed since July 23, 1984. [40 CFR 60.110b(a)]
EQT065 **EQT066**	**1192-1** Chlorine Neutralization Tank (North) **1192-2** Chlorine Neutralization Tank (South)	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** Tanks do not store a VOC. [LAC 23:III.2103.A] Tanks store caustic. Sources containing chlorine are vented through these tanks to neutralize the chlorine. Tanks act as scrubbers.
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tanks do not store a VOC. [40 CFR 60.110b(a)]
		40 CFR 63.119 (Subpart G) - HON HON from SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Tanks do not store an organic HAP (OHAP). [40 CFR 63.119(a)]

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT067	**7000-10A** Monomer Flare	LAC 33:III.Chapter 15 Emission Standards for Sulfur Dioxide	**DOES NOT APPLY.** The provisions of this Chapter do not apply to single point sources that emit or have the potential to emit less than 5 tons per year (tpy) of sulfur dioxide into the atmosphere. [LAC 33:III.1502.A.3 Flare emits 0.01 tpy of sulfur dioxide.]
		40 CFR 60 Subpart A Standards of Performance for New Stationary Sources – General Provisions	**DOES NOT APPLY** This flare is not used to control a source subject to New Source Performance Standards (NSPS).
EQT068	7000-10A.1 Diluent Tank	LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** Tank does not store a toxic air pollutant (TAP).
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tank has a capacity of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)] Tank capacity is 19,459 gallons.
		40 CFR 63.119 (Subpart G) - HON HON from SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Tank does not store an OHAP listed in Table 2 of 40 CFR 63 Subpart F as specified in 40 CFR 63.100(b)(2).

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT069	7000-10A.2 Pentane Tank	LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** Tank does not store a toxic air pollutant (TAP).
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tank has not been modified or reconstructed since July 23, 1984. [40 CFR 60.110b(a)]
		40 CFR 63.119 (Subpart G) - HON HON from SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Tank does not store an OHAP listed in Table 2 of 40 CFR 63 Subpart F as specified in 40 CFR 63.100(b)(2).

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT070	7000-10A.3 NMP Tank	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** Tank does not store a toxic air pollutant (TAP).
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tank has a capacity of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)] Tank capacity is 5,402 gallons.
		40 CFR 63.119 (Subpart G) - HON HON from SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Tank does not store an OHAP listed in Table 2 of 40 CFR 63 Subpart F as specified in 40 CFR 63.100(b)(2).

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT071	7000-10A.4 Flare Tank Separator	LAC 33:III.2103 Control of Emission of Organic Compounds: Storage of Volatile Organic Compounds (VOCs)	**DOES NOT APPLY.** The true vapor pressure of the liquid at storage conditions is less than 1.5 psia. [LAC 23:III.2103.A]
		40 CFR 60 Subpart Kb Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	**DOES NOT APPLY.** Tank has a capacity of less than 75 cubic meters (19,813 gallons). [40 CFR 60.110b(a)] Tank capacity is 1,000 gallons.
		40 CFR 63.119 (Subpart G) - HON HON from SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Storage Vessel Provisions	**DOES NOT APPLY.** Tank does not meet the definition of a storage vessel as defined in 40 CFR 63.101; tank capacity is less than 38 cubic meters (10,070 gallons). [40 CFR 63.119(a)] Tank capacity is 1,000 gallons.
EQT072	7000-10A.5 Mole Sieve Vent	LAC 33:III.2115 Control of Emissions of Organic Compounds: Waste Gas Disposal	**DOES NOT APPLY.** This waste gas stream is required by the HON to implement controls that reduce VOCs to a more stringent standard than required by this Section. [LAC 33:III.2115]
		40 CFR 60 Subpart RRR Standards of Performance for VOC Emissions From SOCMI Reactor Processes	**DOES NOT APPLY.** Reactor has not been modified or reconstructed since June 29, 1990. [40 CFR 60.700(b)]

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT073	7000-10A.6 Mole Sieve Regeneration Gas	40 CFR 63.113 (Subpart G) - HON HON From SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Process Vent Provisions	**DOES NOT APPLY.** This source does not meet the definition of a process vent as defined in 40 CFR 63.101. [40 CFR 63.113]
FUG001	**3-91** Chloroprene Unit – Fugitive Emissions	40 CFR 60 Subpart VV Standards of Performance for Equipment Leaks of VOC in the SOCMI	**DOES NOT APPLY.** The Chloroprene Unit was built prior to January 5, 1981. Changes to this unit since then do not meet the definition of a modification. [40 CFR 60.480(b)]
		40 CFR 61 Subpart J National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene	**DOES NOT APPLY.** The Chloroprene Unit does not operate in benzene service as defined in 40 CFR 61.111. [40 CFR 61.110(a)] The Chloroprene Unit does not use or produce benzene.

XI. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Description	Requirement	Compliance Method/Provision
EQT081	**1-93** LPC Emergency Flare	LAC 33:III.Chapter 15 Emission Standards for Sulfur Dioxide	**DOES NOT APPLY.** The provisions of this Chapter do not apply to single point sources that emit or have the potential to emit less than 5 tons per year (tpy) of sulfur dioxide into the atmosphere. [LAC 33:III.1502.A.3 Flare emits 0.01 tpy of sulfur dioxide.]
		LAC 33:III.5109 Comprehensive TAP Emission Control Program: Emission Control and Reduction Requirements and Standards	**DOES NOT APPLY.** This source is used only for emergency. Normal routine emissions consist of products of combustion.
		40 CFR 60 Subpart A Standards of Performance for New Stationary Sources – General Provisions	**DOES NOT APPLY** This flare is not used to control a source subject to New Source Performance Standards (NSPS).
		40 CFR 63 Subpart A NESHAP for Source Categories – General Provisions	**DOES NOT APPLY.** This flare is not used to control a source subject to the HON.

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Description	Requirement	Compliance Method/Provision
Wastewater Streams			
EQT124 **EQT126** **EQT129** **EQT130** **EQT133**	Steam Trap Condensate Floor Washing & Miscellaneous Sumps Deluge System Water Safety Shower Water ACR Decanter Aqueous Wastewater	40 CFR 63.132 (Subpart G) - HON HON From SOCMI Process Vents, Storage Vessels, Transfer Operations, and Wastewater – Process Wastewater Provisions	**DOES NOT APPLY.** These streams do not contain organic HAPs (OHAPs).

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

STATE-ONLY SPECIFIC CONDITIONS

Chloroprene Unit
Agency Interest No.: 38806
E. I. DuPont de Nemours & Co. - Pontchartrain Works
Laplace, St. John the Baptist Parish, Louisiana

1. Failure to comply with any of the state's applicable requirements or compliance monitoring devices, activities, or methods listed in this permit will represent a violation of this permit.

2. The Permittee shall maintain the emission point sources below at or below the cooling media temperatures indicated. Valves on the brine lines shall be checked once per shift to ensure they are open. Cooling media temperatures shall be monitored and recorded once per shift. Discharge pressure at the brine header shall be monitored continuously, and the 24 hour rolling average maintained between 45 and 125 psig to indicate flow through the system. Daily records of cooling media temperature, valve checks, and pumps discharge pressure shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

Emission Point	Description	Cooling Media Maximum Temperature	Sample Site
1117-1	DCB Storage Tanks Vent (1117 Brine Condenser)	+ 5 degrees C	After refrigeration machine
1110-2A	DCB Storage Tanks Vent (1031 Brine Condenser)	+ 5 degrees C	After refrigeration machine
1110-3	ISOM Reactor Vent (North Condenser) (South Condenser)	0 degrees C + 5 degrees C	Condenser inlet Condenser inlet
1110-4	CD Vent Condenser	+ 5 degrees C	Brine pump outlet
1140-20	Aqueous Storage Vent Condenser	+ 5 degrees C	Brine pump outlet

A report listing the total hours that each of the maximum cooling media temperatures were exceeded shall be submitted to the Office of Environmental Compliance, Enforcement Division with the Annual Title V Certification by March 31st for the preceding calendar year.

3. The Permittee shall operate the packed counter-current scrubber on the DCB Storage Tanks Vent, Emission Point 1117-1, as indicated below:

Scrubbing medium: 3,4-DCB	Maximum cooling media (brine supply) temperature to the scrubbing media cooler: + 5 degrees C (sampled after refrigeration machine)

The parameters indicated for the scrubber shall be monitored and recorded once per shift. Records shall be kept on site and available for inspection by the Office of Environmental Compliance, Inspection Division.

A report listing the total hours that the maximum cooling media temperature was exceeded shall be submitted to the Office of Environmental Compliance, Enforcement Division with the Annual Title V Certification by March 31st for the preceding calendar year.

PART 70 SPECIFIC CONDITIONS

Chloroprene Unit
Agency Interest No.: 38806
E. I. DuPont de Nemours & Co. - Pontchartrain Works
Laplace, St. John the Baptist Parish, Louisiana

1. Failure to comply with any of the federal applicable requirements or compliance monitoring devices, activities, or methods listed in this permit will represent a violation of this permit.

2. The Permittee shall keep the cooling media (brine) temperature of the CD Reactor System's Strippers (A and B lines) condenser, Emission Point 1110-4, below 10 degrees C to maintain a TRE above 1. The maximum temperature shall be below 10 degrees C to ensure Group 2 process vent status. The temperature of the cooling media (brine) shall be equipped with a continuous recorder per 40 CFR 63 Subpart G. Daily averages of this temperature shall be maintained. Any average temperature outside the range established (10 degrees C) shall be reported in the Periodic Report required under 40 CFR 63.152(c). Records of instrument calibration and maintenance shall be kept on site and available for inspection by the Office of Environmental Compliance, Inspection Division.

3. Permittee shall comply with a streamlined equipment leaks monitoring program. Compliance with the streamlined program in accordance with this specific condition shall serve to comply with each of the fugitive emission monitoring programs being streamlined, as indicated in the following table. Noncompliance with the streamlined program in accordance with this specific condition may subject the permittee to enforcement action for one of the applicable fugitive emissions programs.

   a. Streamlined program shall be applicable to the combined universe of components subject to any of the programs being streamlined. Any component type which does not require periodic monitoring under the overall most stringent program shall be monitored as required by the most stringent requirements of any other program being streamlined and will not be exempted. The streamlined program will include any exemptions based on size or component available in any of the programs being streamlined.

   b. Leak definitions and monitoring frequency shall be used based on the overall most stringent program. Percent leaker performance shall be calculated using the provisions of the overall most stringent program. Annual monitoring shall define as once every four quarters. Some allowance may be made in the first year on the streamlined program in order to allow for transition from existing monitoring schedules.

   c. Permittee shall comply with recordkeeping and reporting requirements of the overall most stringent program. Semiannual reports shall be submitted on August 15 and February 15, to cover the periods from January 1 through June 30, and July 1 through December 31, respectively. The semiannual reports shall include any monitoring performed within the reporting period.

PART 70 SPECIFIC CONDITIONS

Chloroprene Unit
Agency Interest No.: 38806
E. I. DuPont de Nemours & Co. - Pontchartrain Works
Laplace, St. John the Baptist Parish, Louisiana

Unit or Plant Site	Programs Streamlined	Stream Applicability	Overall Most Stringent Program
DuPont Site			
Chloroprene Unit FUG001 FUG002	40 CFR 63 Subpart H-HON LAC 33:III.2121	5% VOHAP 10% VOC	40 CFR 63 Subpart H-HON MACT

General Information

AI ID: 38806 E I DuPont de Nemours & Co - Pontchartrain Site
Activity Number: PER20140003
Permit Number: 3000-V5
Air - Title V Regular Permit Minor Mod

Also Known As:

ID	Name	User Group	Start Date
2209500041	AFS (EPA Air Facility System)	AFS (EPA Air Facility System)	01-01-2000
2580-00041	CDS Number	CDS Number	08-23-1973
8026611	EPA EIS Facility Site ID	EPA EIS Facility Site ID	01-01-2008
LA0005924	LPDES #	LPDES Permit #	06-25-2003
WP0603	LWDPS #	LWDPS Permit #	06-25-2003
	Priority 1 Emergency Site	Priority 1 Emergency Site	07-19-2006
LA-2325-L01	Radioactive Material License	Radiation License Number	12-12-2001
1000012504	DuPont Performance Elastomers L.L.C., Pont. Site	Risk Management Plan EPA ID	01-01-2001
GPD-095-8338	Site ID #	Solid Waste Facility No.	07-24-2001
19786	DuPont Pontchartrain Works	TEMPO Merge	03-01-2001
25968	DuPont Dow Elastomers LLC	TEMPO Merge	03-01-2001
70068DPNTD560HW	TRI #	Toxic Release Inventory	07-09-2004

Physical Location: 586 Hwy 44
(portion of)
Laplace, LA 70068

Main Phone: 9855365129

Mailing Address: 586 Hwy 44
Laplace, LA 70068

Location of Front Gate: 30.054722 latitude, -90.523611 longitude, Coordinate Method: Lat.\Long. - DMS, Coordinate Datum: NAD83

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Anthony Fugarino	586 Hwy 44 Laplace, LA 70068	anthony.j.fugarino@(	Accident Prevention Contact for
Anthony Fugarino	586 Hwy 44 Laplace, LA 70068	9865365438 (WP)	Accident Prevention Contact for
Anthony Fugarino	586 Hwy 44 Laplace, LA 70068	anthony.j.fugarino@(	Accident Prevention Billing Party for
Anthony Fugarino	586 Hwy 44 Laplace, LA 70068	9865365438 (WP)	Accident Prevention Billing Party for
Walter Glenn	586 Hwy 44 Laplace, LA 70068	9855365219 (WP)	Responsible Official for
Walter Glenn	586 Hwy 44 Laplace, LA 70068	9855365219 (WP)	Water Permit Contact For
Doris Grego	586 Hwy 44 Laplace, LA 70068	9855365437 (WP)	Water Permit Contact For
Doris Grego	586 Hwy 44 Laplace, LA 70068	9855365423 (WF)	Air Permit Contact For
Doris Grego	586 Hwy 44 Laplace, LA 70068	9855365423 (WF)	Air Billing Contact for
Doris Grego	586 Hwy 44 Laplace, LA 70068	9855365423 (WF)	Water Permit Contact For
Doris Grego	586 Hwy 44 Laplace, LA 70068	Doris.B.Grego@dup	Water Permit Contact For
Doris Grego	586 Hwy 44 Laplace, LA 70068	9855365437 (WP)	Air Permit Contact For
Doris Grego	586 Hwy 44 Laplace, LA 70068	Doris.B.Grego@dup	Air Billing Contact for
Doris Grego	586 Hwy 44 Laplace, LA 70068	Doris.B.Grego@dup	Air Permit Contact For

General Information

AI ID: 38806 E I DuPont de Nemours & Co - Pontchartrain Site
Activity Number: PER20140003
Permit Number: 3000-V5
Air - Title V Regular Permit Minor Mod

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Doris Grego	586 Hwy 44 Laplace, LA 70068	9855365437 (WP)	Emission Inventory Facility Contact for
Doris Grego	586 Hwy 44 Laplace, LA 70068	9855365423 (WF)	Emission Inventory Facility Contact for
Doris Grego	586 Hwy 44 Laplace, LA 70068	Doris.B.Grego@dup	Emission Inventory Facility Contact for
Doris Grego	586 Hwy 44 Laplace, LA 70068	9855365437 (WP)	Air Billing Contact for
Marc Holder	586 Hwy 44 Laplace, LA 70068	Marc.L.Holder@dup	Disaster/Emergency Contact for
Marc Holder	586 Hwy 44 Laplace, LA 70068	9855365466 (WP)	Disaster/Emergency Contact for
Kerry Stewart	586 Hwy 44 Laplace, LA 70068	9855365423 (WF)	Radiation Safety Officer for
Kerry Stewart	586 Hwy 44 Laplace, LA 70068	9855365179 (WP)	Radiation Safety Officer for
Kerry Stewart	586 Hwy 44 Laplace, LA 70068	Kerry.J.Stewart@du	Radiation Safety Officer for
Kerry Stewart	586 Hwy 44 Laplace, LA 70068	5049092883 (CP)	Radiation Safety Officer for

Related Organizations:

Name	Address	Phone (Type)	Relationship
CT Corporation System	8550 United Plaza Blvd Baton Rouge, LA 70809		Agent of Service for
E I DuPont de Nemours & Co Inc	586 Hwy 44 Laplace, LA 70068	9855365217 (WP)	Operates
E I DuPont de Nemours & Co Inc	586 Hwy 44 Laplace, LA 70068	9855365217 (WP)	Owns
E I DuPont de Nemours & Co Inc	586 Hwy 44 Laplace, LA 70068	9855365217 (WP)	Air Billing Party for
E I DuPont de Nemours & Co Inc	586 Hwy 44 Laplace, LA 70068	9855365217 (WP)	Water Billing Party for
E I DuPont de Nemours & Co Inc	586 Hwy 44 Laplace, LA 70068	9855365217 (WP)	Radiation License Billing Party for
E I DuPont de Nemours & Co Inc	586 Hwy 44 Laplace, LA 70068	9855365217 (WP)	Emission Inventory Billing Party

NAIC Codes: 325212, Synthetic Rubber Manufacturing

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may email your changes to facupdate@la.gov.

EMISSION RATES FOR CRITERIA POLLUTANTS AND CO2e

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site
Activity Number: PER20140003
Permit Number: 3000-V5
Air - Title V Regular Permit Minor Mod

	PM10			SO2			NOx			CO		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Chloroprene Unit												
EQT 0003 1110-1B												
EQT 0006 1110-2												
EQT 0013 1110-2A												
EQT 0016 1110-2B												
EQT 0017 1110-3												
EQT 0026 1110-4												
EQT 0027 1110-4B												
EQT 0028 1110-5B												
EQT 0029 1110-9												
EQT 0030 1110-10												
EQT 0031 1110-11												
EQT 0046 1117-1												
EQT 0054 1117-2												
EQT 0055 1117-3												
EQT 0059 1140-20												
EQT 0064 1150-25												
EQT 0067 7000-10A	0.04	0.38	0.16	<0.01	0.03	0.01	0.66	7.07	2.90	0.40	4.24	1.74
EQT 0081 1-93	0.001	0.01	0.004	<0.01	0.02	<0.001	0.02	2.10	0.07	0.003	0.40	0.01
EQT 0098 1110-25												
EQT 0100 1110-25A.1	0.02	55.00	0.06									
EQT 0113 1110-26L												
EQT 0114 1110-26												
EQT 0227 1117-1H												

EMISSION RATES FOR CRITERIA POLLUTANTS AND CO2e

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site
Activity Number: PER20140003
Permit Number: 3000-V5
Air - Title V Regular Permit Minor Mod

	VOC		
Subject Item	**Avg lb/hr**	**Max lb/hr**	**Tons/Year**
Chloroprene Unit			
EQT 0003 1110-1B	0.01	0.19	0.06
EQT 0006 1110-2	12.54	22.50	54.80
EQT 0013 1110-2A	0.10	1.85	0.43
EQT 0016 1110-2B	0.01	0.19	0.06
EQT 0017 1110-3	1.74	3.06	7.62
EQT 0026 1110-4	4.20	8.34	18.30
EQT 0027 1110-4B	0.25	2.23	1.07
EQT 0028 1110-5B	0.002	0.032	0.008
EQT 0029 1110-9	0.26	31.00	1.14
EQT 0030 1110-10	0.001	0.002	0.004
EQT 0031 1110-11	<0.001	0.003	0.001
EQT 0046 1117-1	0.06	4.52	0.27
EQT 0054 1117-2	0.001	0.004	0.004
EQT 0055 1117-3	0.001	0.002	0.004
EQT 0059 1140-20	1.11	46.49	4.91
EQT 0064 1150-25	<0.01	0.10	0.01
EQT 0067 7000-10A	1.43	72.63	6.27
EQT 0081 1-93	0.001	0.20	0.004
EQT 0098 1110-25	0.01	0.01	0.04
EQT 0100 1110-25A.1			
EQT 0113 1110-26L	<0.01	<0.01	0.01
EQT 0114 1110-26	1.00	10.00	3.30
EQT 0227 1117-1H	<0.01	<0.01	0.01

EMISSION RATES FOR CRITERIA POLLUTANTS AND CO2e

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site
Activity Number: PER20140003
Permit Number: 3000-V5
Air - Title V Regular Permit Minor Mod

	PM10			SO2			NOx			CO		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Chloroprene Unit												
EQT 0228 1110-26M												
FUG 0001 3-91												
FUG 0002 1110-22												

EMISSION RATES FOR CRITERIA POLLUTANTS AND CO2e

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site
Activity Number: PER20140003
Permit Number: 3000-V5
Air - Title V Regular Permit Minor Mod

	VOC		
Subject Item	**Avg lb/hr**	**Max lb/hr**	**Tons/Year**
Chloroprene Unit			
EQT 0228 1110-26M	<0.01	<0.01	0.01
FUG 0001 3-91	0.69	1.00	3.02
FUG 0002 1110-22	0.30	0.30	1.30

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site
Activity Number: PER20140003
Permit Number: 3000-V5
Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0003 1110-1B	Glycol ethers (Table 51.3)	<0.01	0.02	<0.01
	Toluene	0.01	0.17	0.05
EQT 0006 1110-2	1,3-Butadiene	0.94	2.00	4.10
	Chloroprene	0.50	6.50	2.20
	Hydrochloric acid	0.15	0.50	0.66
EQT 0013 1110-2A	Chloroprene	0.005	0.073	0.022
	Hydrochloric acid	0.25	5.50	1.10
EQT 0016 1110-2B	Glycol ethers (Table 51.3)	<0.01	0.02	<0.01
	Toluene	0.01	0.17	0.05
EQT 0017 1110-3	Chloroprene	0.50	0.74	2.19
	Hydrochloric acid	<0.01	0.01	0.03
	Toluene	0.06	0.09	0.26
	Triethyl amine	0.03	0.50	0.13
EQT 0026 1110-4	Chloroprene	4.20	8.34	18.30
	Toluene	0.001	0.001	0.002
EQT 0027 1110-4B	Chloroprene	0.18	1.60	0.79
	Toluene	0.065	0.63	0.28
EQT 0028 1110-5B	Glycol ethers (Table 51.3)	0.001	0.002	0.004
	Toluene	0.001	0.03	0.004
EQT 0029 1110-9	Toluene	0.26	31.00	1.14
EQT 0031 1110-11	Cumene	<0.001	0.001	<0.001
	Xylene (mixed isomers)	<0.001	0.001	<0.001
EQT 0046 1117-1	Chloroprene	<0.01	0.10	<0.01
	Hydrochloric acid	0.31	1.90	1.36
	Toluene	<0.01	0.95	<0.01
EQT 0054 1117-2	Glycol ethers (Table 51.3)	0.001	0.004	0.004
EQT 0059 1140-20	1,3-Butadiene	<0.01	0.26	0.03
	Chloroprene	1.07	45.09	4.70
	Toluene	0.01	0.54	0.06
EQT 0064 1150-25	1,3-Butadiene	<0.001	0.011	<0.001
	Chloroprene	0.001	0.09	0.004
EQT 0065 1192-1	Chlorine	0.01	0.14	0.05
EQT 0066 1192-2	Chlorine	0.01	0.14	0.05
EQT 0067 7000-10A	1,3-Butadiene	1.13	29.66	4.93

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site
Activity Number: PER20140003
Permit Number: 3000-V5
Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0067 7000-10A	Benzene	<0.01	<0.01	<0.01
	Chloroprene	<0.01	<0.01	<0.01
	Formaldehyde	<0.01	<0.01	<0.01
	Hydrochloric acid	0.02	10.92	0.09
EQT 0114 1110-26	Chlorine	0.001	0.001	0.003
	Hydrochloric acid	0.001	0.001	0.003
FUG 0001 3-91	1,3-Butadiene	0.25	0.30	1.10
	Chloroprene	0.37	0.50	1.62
	Hydrochloric acid	0.17	0.25	0.74
	Toluene	0.05	0.10	0.22
UNF 0003 DuPont	1,3-Butadiene			10.16
	Benzene			<0.01
	Chlorine			0.10
	Chloroprene			29.85
	Cumene			<0.001
	Formaldehyde			<0.01
	Glycol ethers (Table 51.3)			0.03
	Hydrochloric acid			3.98
	Toluene			2.08
	Triethyl amine			0.13

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

INVENTORIES

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site
Activity Number: PER20140003
Permit Number: 3000-V5
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Chloroprene Unit						
EQT 0003	1110-1B - Inhibitor Make-up and Feed Tanks			175000 gallons/yr		8760 hr/yr
EQT 0004	1110-1B.1 - Inhibitor Make-up Tank	283 gallons				8760 hr/yr
EQT 0005	1110-B.2 - Inhibitor Feed Tank	192 gallons				8760 hr/yr
EQT 0006	1110-2 - Refining Jets Vent System			25 ft^3/min (actual)		8760 hr/yr
EQT 0007	1110-2.1 - JVC Effluent Tank	216 gallons				8760 hr/yr
EQT 0008	1110-2.2 - Pentane Column					8760 hr/yr
EQT 0009	1110-2.3 - Heads Column					8760 hr/yr
EQT 0010	1110-2.4 - Topper Column					8760 hr/yr
EQT 0011	1110-2.5 - Refiner Column					8760 hr/yr
EQT 0012	1110-2.6 - Recovery Column					8760 hr/yr
EQT 0013	1110-2A - DCB Storage Tanks Condenser			3.73 SCFM		8760 hr/yr
EQT 0014	1110-2A.1 - DCB Storage Tank No. 1	146632 gallons				8760 hr/yr
EQT 0015	1110-2A.2 - DCB Storage Tank No. 2	146632 gallons				8760 hr/yr
EQT 0016	1110-2B - Emergency Inhibitor Make-up Tank	291 gallons		175000 gallons/yr		8760 hr/yr
EQT 0017	1110-3 - Isom Reactor Vent System			12 ft^3/min (actual)		8760 hr/yr
EQT 0018	1110-3A - Isom JVC Effluent Tank	635 gallons				8760 hr/yr
EQT 0019	1110-3B - TEA Storage Tank	1734 gallons				8760 hr/yr
EQT 0020	1110-3C - TEA Burette	83 gallons				8760 hr/yr
EQT 0021	1110-3D - Catalyst Mix Tank	1190 gallons				8760 hr/yr
EQT 0022	1110-3E - Catalyst Feed Tank	6086 gallons				8760 hr/yr
EQT 0023	1110-3F - Isom Purge Tank	12925 gallons				8760 hr/yr
EQT 0024	1110-3H - Isom Distillation Column					8760 hr/yr
EQT 0025	1110-3I - Isom Reactors					8760 hr/yr
EQT 0026	1110-4 - CD Vent Condenser			4.9 ft^3/min (actual)		8760 hr/yr
EQT 0027	1110-4B - Catalyst Sludge Receiver	6100 gallons				8760 hr/yr
EQT 0028	1110-5B - Emergency Inhibitor Feed Tank	295 gallons				8760 hr/yr
EQT 0029	1110-9 - Toluene Storage Tank	19037 gallons				8760 hr/yr
EQT 0030	1110-10 - Reaction Modifier Totes	312 gallons				8760 hr/yr
EQT 0031	1110-11 - Reboiler Antifoulant Totes	312 gallons				8760 hr/yr
EQT 0046	1117-1 - DCB Storage Tanks Vent			12.1 SCFM		8760 hr/yr
EQT 0047	1117-1A - West Crude Tank	73445 gallons				8760 hr/yr
EQT 0048	1117-1B - East Crude Tank	73445 gallons				8760 hr/yr
EQT 0049	1117-1C - 1,4-DCB Tank	142189 gallons				8760 hr/yr
EQT 0050	1117-1D - Swing Tank	142189 gallons				8760 hr/yr
EQT 0051	1117-1E - HCl Feed Tank	19320 gallons				8760 hr/yr
EQT 0052	1117-1F - Waste Organic Tank	19350 gallons				8760 hr/yr
EQT 0053	1117-1G - t-1,4,-DCB Tank	25750 gallons				8760 hr/yr
EQT 0054	1117-2 - Cellosolve Storage Tank	7098 gallons				8760 hr/yr
EQT 0055	1117-3 - CD Catalyst Tank	9448 gallons				8760 hr/yr

INVENTORIES

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site
Activity Number: PER20140003
Permit Number: 3000-V5
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Chloroprene Unit						
EQT 0059	1140-20 - Aqueous Storage Vent Condenser					8760 hr/yr
EQT 0060	1140-20A - Diversion Tank	675400 gallons				8760 hr/yr
EQT 0061	1140-20B - Aqueous Clarifier Tank	470045 gallons				8760 hr/yr
EQT 0062	1140-20C - No.1 CD Brine Tank	470580 gallons				8760 hr/yr
EQT 0063	1140-20D - No.2 CD Brine Tank	470045 gallons				8760 hr/yr
EQT 0064	1150-25 - Emergency Aqueous Tank	298000 gallons				8760 hr/yr
EQT 0065	1192-1 - Chlorine Neutralization Tank North	9953 gallons				8760 hr/yr
EQT 0066	1192-2 - Chlorine Neutralization Tank South	9953 gallons				8760 hr/yr
EQT 0067	7000-10A - Monomer Flare			426 ft^3/min		8760 hr/yr
EQT 0068	7000-10A.1 - Diluent Tank	19459 gallons				8760 hr/yr
EQT 0069	7000-10A.2 - Pentane Tank	19484 gallons				8760 hr/yr
EQT 0070	7000-10A.3 - NMP Storage Tank	5402 gallons				8760 hr/yr
EQT 0071	7000-10A.4 - Flare Tank Separator	1000 gallons				8760 hr/yr
EQT 0072	7000-10A.5 - Mole Sieve Vent					8760 hr/yr
EQT 0073	7000-10A.6 - Mole Sieve Regeneration Gas					8760 hr/yr
EQT 0081	1-93 - LPC Emergency Flare			426 ft^3/min		8760 hr/yr
EQT 0098	1110-25 - PTZ/NMP Tanks (1110-25A & 1110-25 B) Common Vent				VOC common vent for tanks 1110-25A and 1110-25B)	8760 hr/yr
EQT 0099	1110-25A - NMP/PTZ Make-up Tank	325 gallons			this tank has two emission points (1110-25A.1 and 1110-25A)	8760 hr/yr
EQT 0100	1110-25A.1 - PTZ/NMP Make-up Tank (110-25A) Manhole Vent				Particulate vent for tank 1110-25A	8760 hr/yr
EQT 0101	1110-25B - NMP/PTZ Storage Tank	450 gallons				8760 hr/yr
EQT 0102	1110-26A - DCB Chlorinator	194 gallons				6552 hr/yr
EQT 0103	1110-26B - Vacuum Pump					6552 hr/yr
EQT 0104	1110-26C - MD Condenser					6552 hr/yr
EQT 0105	1110-26D - MD Separator					6552 hr/yr
EQT 0106	1110-26E - MD Bubble Column	125 gallons				6552 hr/yr
EQT 0107	1110-26F - MD Pre-reactor	47 gallons				6552 hr/yr
EQT 0108	1110-26G - ACR Chlorinator Separator					6552 hr/yr
EQT 0109	1110-26H - ACR Chlorinator					6552 hr/yr
EQT 0110	1110-26I - MD Heels Decanter					6552 hr/yr
EQT 0111	1110-26J - Crude ACR Decanter	250 gallons				6552 hr/yr
EQT 0112	1110-26K - Decanter Standpipe					6552 hr/yr
EQT 0113	1110-26L - Chlorinated ACR Transfer Tank	1210 gallons				8760 hr/yr
EQT 0114	1110-26 - ACR Process Vent					6552 hr/yr
EQT 0115	- DCB Refining JVC Effluent Stream					8760 hr/yr
EQT 0116	- ISOM JVC Effluent Stream					8760 hr/yr
EQT 0117	- Caustic Scrubber Letdown					8760 hr/yr

INVENTORIES

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site
Activity Number: PER20140003
Permit Number: 3000-V5
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Chloroprene Unit						
EQT 0118	- Water Layer Tank Letdown					8760 hr/yr
EQT 0119	- CD Brine					8760 hr/yr
EQT 0120	- Power Area Mole Sieve Header Knock Out Pot Flush Water					8760 hr/yr
EQT 0121	- Flare Stack Knock Out Pot Water					8760 hr/yr
EQT 0122	- Butadiene Sphere Wash Water					8760 hr/yr
EQT 0123	- Hydroblasting Wash Water					8760 hr/yr
EQT 0124	- Steam Trap Condensate					8760 hr/yr
EQT 0125	- Water Washings of Columns and Equipment					8760 hr/yr
EQT 0126	- Floor Washing & Miscellaneous Sumps					8760 hr/yr
EQT 0127	- 1192 Cleaning Blasting Pad Water					8760 hr/yr
EQT 0128	- Greenhouse Sump Water					8760 hr/yr
EQT 0129	- Deluge System Water					8760 hr/yr
EQT 0130	- Safety Shower Water					8760 hr/yr
EQT 0131	- Primary & Secondary CD Decanter NaCl Brine Water					8760 hr/yr
EQT 0132	- Water Floatout of CD Reactors					8760 hr/yr
EQT 0133	- ACR Decanter Aqueous Wastewater					8760 hr/yr
EQT 0227	1117-1H - Recovery Tails Tank	19400 gallons				8760 hr/yr
EQT 0228	1110-26M - ACR/Water Decanter	100 gallons				8760 hr/yr
FUG 0001	3-91 - Chloroprene Unit - Fugitive Emissions					8760 hr/yr
FUG 0002	1110-22 - ACR Process - Fugitive Emissions					8760 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Chloroprene Unit							
EQT 0003	1110-1B - Inhibitor Make-up and Feed Tanks	.01	.01	.17		65.6	77
EQT 0006	1110-2 - Refining Jets Vent System	4.87	25	.33		98	75
EQT 0013	1110-2A - DCB Storage Tanks Condenser	.71	3.73	.33		23.5	86
EQT 0016	1110-2B - Emergency Inhibitor Make-up Tank	.01	.01	.17		65.6	77
EQT 0017	1110-3 - Isom Reactor Vent System	4.08	12	.25		58.4	86
EQT 0026	1110-4 - CD Vent Condenser	15.1	4.9	.08		72	60
EQT 0027	1110-4B - Catalyst Sludge Receiver	.14	.19	.17		80	86
EQT 0028	1110-5B - Emergency Inhibitor Feed Tank	.01	.01	.21		5	77
EQT 0029	1110-9 - Toluene Storage Tank	.02	.25	.17		27.9	86
EQT 0030	1110-10 - Reaction Modifier Totes	1.26	.1	.04		5	80

INVENTORIES

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site
Activity Number: PER20140003
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Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Chloroprene Unit							
EQT 0031	1110-11 - Reboiler Antifoulant Totes	1.26	.1	.04		5	75
EQT 0046	1117-1 - DCB Storage Tanks Vent	2.3	12	.33		50	83
EQT 0054	1117-2 - Cellosolve Storage Tank	0	0	.5		25	77
EQT 0055	1117-3 - CD Catalyst Tank	0	0	.25		30	77
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	.69	3.55	.33		53.1	41
EQT 0064	1150-25 - Emergency Aqueous Tank	.08	.44	.33		30.1	86
EQT 0065	1192-1 - Chlorine Neutralization Tank North	.02	.7	.83		30.6	82
EQT 0066	1192-2 - Chlorine Neutralization Tank South	.02	.7	.83		30.6	82
EQT 0067	7000-10A - Monomer Flare	60.6	120654	6.5		129	1832
EQT 0081	1-93 - LPC Emergency Flare	60.6	2860.2	1		185	1832
EQT 0098	1110-25 - PTZ/NMP Tanks (1110-25A & 1110-25 B) Common Vent	.88	1.2	.17		120	75
EQT 0100	1110-25A.1 - PTZ/NMP Make-up Tank (110-25A) Manhole Vent	.88	1.2	.17		25	75
EQT 0114	1110-26 - ACR Process Vent	.06	.72	.5		120	83.5
FUG 0001	3-91 - Chloroprene Unit - Fugitive Emissions		0			3	80
FUG 0002	1110-22 - ACR Process - Fugitive Emissions		0			3	

Relationships:

ID	Description	Relationship	ID	Description
EQT 0004	1110-1B.1 - Inhibitor Make-up Tank	Vents to	EQT 0003	1110-1B - Inhibitor Make-up and Feed Tanks
EQT 0005	1110-B.2 - Inhibitor Feed Tank	Vents to	EQT 0003	1110-1B - Inhibitor Make-up and Feed Tanks
EQT 0007	1110-2.1 - JVC Effluent Tank	Vents to	EQT 0006	1110-2 - Refining Jets Vent System
EQT 0008	1110-2.2 - Pentane Column	Vents to	EQT 0006	1110-2 - Refining Jets Vent System
EQT 0009	1110-2.3 - Heads Column	Vents to	EQT 0006	1110-2 - Refining Jets Vent System
EQT 0010	1110-2.4 - Topper Column	Vents to	EQT 0006	1110-2 - Refining Jets Vent System
EQT 0011	1110-2.5 - Refiner Column	Vents to	EQT 0006	1110-2 - Refining Jets Vent System
EQT 0012	1110-2.6 - Recovery Column	Vents to	EQT 0006	1110-2 - Refining Jets Vent System
EQT 0014	1110-2A.1 - DCB Storage Tank No. 1	Vents to	EQT 0013	1110-2A - DCB Storage Tanks Condenser
EQT 0015	1110-2A.2 - DCB Storage Tank No. 2	Vents to	EQT 0013	1110-2A - DCB Storage Tanks Condenser
EQT 0018	1110-3A - Isom JVC Effluent Tank	Vents to	EQT 0017	1110-3 - Isom Reactor Vent System
EQT 0019	1110-3B - TEA Storage Tank	Vents to	EQT 0017	1110-3 - Isom Reactor Vent System
EQT 0020	1110-3C - TEA Burette	Vents to	EQT 0017	1110-3 - Isom Reactor Vent System
EQT 0021	1110-3D - Catalyst Mix Tank	Vents to	EQT 0017	1110-3 - Isom Reactor Vent System
EQT 0022	1110-3E - Catalyst Feed Tank	Vents to	EQT 0017	1110-3 - Isom Reactor Vent System
EQT 0023	1110-3F - Isom Purge Tank	Vents to	EQT 0017	1110-3 - Isom Reactor Vent System

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Activity Number: PER20140003
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Relationships:

ID	Description	Relationship	ID	Description
EQT 0024	1110-3H - Isom Distillation Column	Vents to	EQT 0017	1110-3 - Isom Reactor Vent System
EQT 0025	1110-3I - Isom Reactors	Vents to	EQT 0017	1110-3 - Isom Reactor Vent System
EQT 0047	1117-1A - West Crude Tank	Vents to	EQT 0046	1117-1 - DCB Storage Tanks Vent
EQT 0048	1117-1B - East Crude Tank	Vents to	EQT 0046	1117-1 - DCB Storage Tanks Vent
EQT 0049	1117-1C - 1,4-DCB Tank	Vents to	EQT 0046	1117-1 - DCB Storage Tanks Vent
EQT 0050	1117-1D - Swing Tank	Vents to	EQT 0046	1117-1 - DCB Storage Tanks Vent
EQT 0051	1117-1E - HCl Feed Tank	Vents to	EQT 0046	1117-1 - DCB Storage Tanks Vent
EQT 0052	1117-1F - Waste Organic Tank	Vents to	EQT 0046	1117-1 - DCB Storage Tanks Vent
EQT 0053	1117-1G - t-1,4,-DCB Tank	Vents to	EQT 0046	1117-1 - DCB Storage Tanks Vent
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0120	- Power Area Mole Sieve Header Knock Out Pot Flush Water
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0121	- Flare Stack Knock Out Pot Water
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0122	- Butadiene Sphere Wash Water
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0123	- Hydroblasting Wash Water
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0125	- Water Washings of Columns and Equipment
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0127	- 1192 Cleaning Blasting Pad Water
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0128	- Greenhouse Sump Water
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0131	- Primary & Secondary CD Decanter NaCl Brine Water
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0132	- Water Floatout of CD Reactors
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0118	- Water Layer Tank Letdown
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0117	- Caustic Scrubber Letdown
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0116	- ISOM JVC Effluent Stream
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0115	- DCB Refining JVC Effluent Stream
EQT 0059	1140-20 - Aqueous Storage Vent Condenser	Receives wastewater from	EQT 0119	- CD Brine
EQT 0060	1140-20A - Diversion Tank	Vents to	EQT 0059	1140-20 - Aqueous Storage Vent Condenser
EQT 0061	1140-20B - Aqueous Clarifier Tank	Vents to	EQT 0059	1140-20 - Aqueous Storage Vent Condenser
EQT 0062	1140-20C - No.1 CD Brine Tank	Vents to	EQT 0059	1140-20 - Aqueous Storage Vent Condenser
EQT 0063	1140-20D - No.2 CD Brine Tank	Vents to	EQT 0059	1140-20 - Aqueous Storage Vent Condenser
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0119	- CD Brine
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0120	- Power Area Mole Sieve Header Knock Out Pot Flush Water
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0115	- DCB Refining JVC Effluent Stream
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0122	- Butadiene Sphere Wash Water
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0123	- Hydroblasting Wash Water
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0125	- Water Washings of Columns and Equipment
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0127	- 1192 Cleaning Blasting Pad Water
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0128	- Greenhouse Sump Water
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0131	- Primary & Secondary CD Decanter NaCl Brine Water

INVENTORIES

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Activity Number: PER20140003
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Relationships:

ID	Description	Relationship	ID	Description
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0132	- Water Floatout of CD Reactors
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0118	- Water Layer Tank Letdown
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0117	- Caustic Scrubber Letdown
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0116	- ISOM JVC Effluent Stream
EQT 0064	1150-25 - Emergency Aqueous Tank	Receives wastewater from	EQT 0121	- Flare Stack Knock Out Pot Water
EQT 0067	7000-10A - Monomer Flare	Controls emissions from	EQT 0069	7000-10A.2 - Pentane Tank
EQT 0067	7000-10A - Monomer Flare	Controls emissions from	EQT 0068	7000-10A.1 - Diluent Tank
EQT 0067	7000-10A - Monomer Flare	Controls emissions from	EQT 0070	7000-10A.3 - NMP Storage Tank
EQT 0067	7000-10A - Monomer Flare	Controls emissions from	EQT 0073	7000-10A.6 - Mole Sieve Regeneration Gas
EQT 0067	7000-10A - Monomer Flare	Controls emissions from	EQT 0072	7000-10A.5 - Mole Sieve Vent
EQT 0067	7000-10A - Monomer Flare	Controls emissions from	EQT 0071	7000-10A.4 - Flare Tank Separator
EQT 0099	1110-25A - NMP/PTZ Make-up Tank	Vents to	EQT 0098	1110-25 - PTZ/NMP Tanks (1110-25A & 1110-25 B) Common Vent
EQT 0099	1110-25A - NMP/PTZ Make-up Tank	Receiver, (receives liquids from)	EQT 0101	1110-25B - NMP/PTZ Storage Tank
EQT 0101	1110-25B - NMP/PTZ Storage Tank	Vents to	EQT 0098	1110-25 - PTZ/NMP Tanks (1110-25A & 1110-25 B) Common Vent
EQT 0102	1110-26A - DCB Chlorinator	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0103	1110-26B - Vacuum Pump	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0104	1110-26C - MD Condenser	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0105	1110-26D - MD Separator	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0106	1110-26E - MD Bubble Column	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0107	1110-26F - MD Pre-reactor	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0108	1110-26G - ACR Chlorinator Separator	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0109	1110-26H - ACR Chlorinator	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0110	1110-26I - MD Heels Decanter	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0111	1110-26J - Crude ACR Decanter	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0112	1110-26K - Decanter Standpipe	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0113	1110-26L - Chlorinated ACR Transfer Tank	Vents to	EQT 0114	1110-26 - ACR Process Vent
EQT 0227	1117-1H - Recovery Tails Tank	Vents to	EQT 0046	1117-1 - DCB Storage Tanks Vent

Subject Item Groups:

ID	Group Type	Group Description
UNF 0003	Unit or Facility Wide	DuPont - Chloroprene Unit

Group Membership:

INVENTORIES

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site
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Group Membership:

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0620	0620 Halogenated Hydrocarbons (Rated Capacity)	290	MM lbs/yr

SIC Codes:

2869	Industrial organic chemicals, nec	AI 38806
2869	Industrial organic chemicals, nec	UNF 003

SPECIFIC REQUIREMENTS

AI ID: 38806 - E I DuPont de Nemours & Co - Pontchartrain Site
Activity Number: PER20140003
Permit Number: 3000-V5
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EQT 0006 1110-2 - Refining Jets Vent System

1	[40 CFR 63.113(e)]	TRE index value > 4.0 (no units). Subpart G. [40 CFR 63.113(e)] Which Months: All Year Statistical Basis: None specified
2	[40 CFR 63.115(e)]	Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
3	[40 CFR 63.117(b)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Include all data, assumptions and procedures used for the engineering assessments, as specified in 40 CFR 63.115(d)(1). Subpart G. [40 CFR 63.117(b)]
4	[40 CFR 63.118(c)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
5	[40 CFR 63.118(h)]	Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent with a TRE greater than 4.0 to become a Group 2 process vent with a TRE less than 4.0. Include the information specified in 40 CFR 63.118(h)(1) through (h)(3). Subpart G. [40 CFR 63.118(h)]
6	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.
7	[LAC 33:III.501.C.6]	Flow indication monitored by visual inspection/determination once every shift during operation to confirm that the scrubber is functioning properly. In order to ensure the scrubber is working properly, the area operator shall check the following: water valve to the vent scrubber is open, water is flowing through the vent scrubber, and there are no visible emissions from the scrubber. (State-Only Requirement). Which Months: All Year Statistical Basis: None specified
8	[LAC 33:III.501.C.6]	Flow indication recordkeeping by electronic or hard copy once every shift during operation to confirm that the scrubber is functioning properly. Records of operations shall be maintained on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. (State-Only Requirement).
9	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber was not in operation. Submit report to the Office of Environmental Compliance, Enforcement Division. (State-Only Requirement).

EQT 0007 1110-2.1 - JVC Effluent Tank

10	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Tank is routed to EIQ No. 1110-2 (Refining Jets Vent System). No further control is determined as MACT.

EQT 0008 1110-2.2 - Pentane Column

11	[40 CFR 63.113(e)]	TRE index value > 4.0 (no units). Subpart G. [40 CFR 63.113(e)] Which Months: All Year Statistical Basis: None specified

EQT 0008 1110-2.2 - Pentane Column

12	[40 CFR 63.115(e)]	Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
13	[40 CFR 63.117(b)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Include all data, assumptions and procedures used for the engineering assessments, as specified in 40 CFR 63.115(d)(1). Subpart G. [40 CFR 63.117(b)]
14	[40 CFR 63.118(c)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
15	[40 CFR 63.118(h)]	Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent with a TRE greater than 4.0 to become a Group 2 process vent with a TRE less than 4.0. Include the information specified in 40 CFR 63.118(h)(1) through (h)(3). Subpart G. [40 CFR 63.118(h)]
16	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0009 1110-2.3 - Heads Column

17	[40 CFR 63.113(e)]	TRE index value > 4.0 (no units). Subpart G. [40 CFR 63.113(e)] Which Months: All Year Statistical Basis: None specified
18	[40 CFR 63.115(e)]	Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
19	[40 CFR 63.117(b)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Include all data, assumptions and procedures used for the engineering assessments, as specified in 40 CFR 63.115(d)(1). Subpart G. [40 CFR 63.117(b)]
20	[40 CFR 63.118(c)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
21	[40 CFR 63.118(h)]	Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent with a TRE greater than 4.0 to become a Group 2 process vent with a TRE less than 4.0. Include the information specified in 40 CFR 63.118(h)(1) through (h)(3). Subpart G. [40 CFR 63.118(h)]
22	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0010 1110-2.4 - Topper Column

EQT 0010 1110-2.4 - Topper Column

23	[40 CFR 63.113(e)]	TRE index value > 4.0 (no units). Subpart G. [40 CFR 63.113(e)] Which Months: All Year Statistical Basis: None specified
24	[40 CFR 63.115(e)]	Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
25	[40 CFR 63.117(b)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Include all data, assumptions and procedures used for the engineering assessments, as specified in 40 CFR 63.115(d)(1). Subpart G. [40 CFR 63.117(b)]
26	[40 CFR 63.118(c)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
27	[40 CFR 63.118(h)]	Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent with a TRE greater than 4.0 to become a Group 2 process vent with a TRE less than 4.0. Include the information specified in 40 CFR 63.118(h)(1) through (h)(3). Subpart G. [40 CFR 63.118(h)]
28	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0011 1110-2.5 - Refiner Column

29	[40 CFR 63.113(e)]	TRE index value > 4.0 (no units). Subpart G. [40 CFR 63.113(e)] Which Months: All Year Statistical Basis: None specified
30	[40 CFR 63.115(e)]	Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
31	[40 CFR 63.117(b)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Include all data, assumptions and procedures used for the engineering assessments, as specified in 40 CFR 63.115(d)(1). Subpart G. [40 CFR 63.117(b)]
32	[40 CFR 63.118(c)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
33	[40 CFR 63.118(h)]	Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent with a TRE greater than 4.0 to become a Group 2 process vent with a TRE less than 4.0. Include the information specified in 40 CFR 63.118(h)(1) through (h)(3). Subpart G. [40 CFR 63.118(h)]
34	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0012 1110-2.6 - Recovery Column

35	[40 CFR 63.113(e)]	TRE index value > 4.0 (no units). Subpart G. [40 CFR 63.113(e)] Which Months: All Year Statistical Basis: None specified
36	[40 CFR 63.114(d)(2)]	Bypass lines: Secure the bypass line valve in the non-diverting position with a car-seal or a lock-and-key type configuration. Subpart G. [40 CFR 63.114(d)(2)]
37	[40 CFR 63.115(e)]	Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
38	[40 CFR 63.117(b)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Include all data, assumptions and procedures used for the engineering assessments, as specified in 40 CFR 63.115(d)(1). Subpart G. [40 CFR 63.117(b)]
39	[40 CFR 63.118(c)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
40	[40 CFR 63.118(h)]	Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent with a TRE greater than 4.0 to become a Group 2 process vent with a TRE less than 4.0. Include the information specified in 40 CFR 63.118(h)(1) through (h)(3). Subpart G. [40 CFR 63.118(h)]
41	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0013 1110-2A - DCB Storage Tanks Condenser

42	[LAC 33:III.501.C.6]	The Permittee shall operate this source within the outlined parameters as specified in State-Only Specific Condition No. 2 of this permit. (State-Only Requirement).
43	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. The tanks serviced by this condenser store an organic liquid that contains an organic HAP only as an impurity (40 CFR 63.101, storage vessel definition). No further control determined as MACT.

EQT 0014 1110-2A.1 - DCB Storage Tank No. 1

44	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Since this tank stores an organic liquid that contains an organic HAP only as an impurity, no further control is determined as MACT(40 CFR 63.101, storage vessel definition).

EQT 0015 1110-2A.2 - DCB Storage Tank No. 2

EQT 0015 1110-2A.2 - DCB Storage Tank No. 2

45	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Since this tank stores an organic liquid that contains an organic HAP only as an impurity, no further control is determined as MACT(40 CFR 63.101, storage vessel definition).

EQT 0017 1110-3 - Isom Reactor Vent System

46	[40 CFR 63.113(e)]	TRE index value > 4.0 (no units). Subpart G. [40 CFR 63.113(e)] Which Months: All Year Statistical Basis: None specified
47	[40 CFR 63.115(e)]	Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
48	[40 CFR 63.117(b)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Include all data, assumptions and procedures used for the engineering assessments, as specified in 40 CFR 63.115(d)(1). Subpart G. [40 CFR 63.117(b)]
49	[40 CFR 63.118(c)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
50	[40 CFR 63.118(h)]	Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent with a TRE greater than 4.0 to become a Group 2 process vent with a TRE less than 4.0. Include the information specified in 40 CFR 63.118(h)(1) through (h)(3). Subpart G. [40 CFR 63.118(h)]
51	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.
52	[LAC 33:III.501.C.6]	Flow indication monitored by visual inspection/determination once every shift during operation to confirm that the scrubber is functioning properly. In order to ensure the scrubber is working properly, the area operator shall check the following: water valve to the vent scrubber is open, water is flowing through the vent scrubber, and there are no visible emissions from the scrubber. (State-Only Requirement). Which Months: All Year Statistical Basis: None specified
53	[LAC 33:III.501.C.6]	Flow indication recordkeeping by electronic or hard copy once every shift during operation to confirm that the scrubber is functioning properly. Records of operations shall be maintained on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. (State-Only Requirement).
54	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber was not in operation. Submit report to the Office of Environmental Compliance, Enforcement Division. (State-Only Requirement).
55	[LAC 33:III.501.C.6]	The Permittee shall operate this source within the outlined parameters as specified in State-Only Specific Condition No. 2 of this permit. (State-Only Requirement).

EQT 0024 1110-3H - Isom Distillation Column

EQT 0024 1110-3H - Isom Distillation Column

56	[40 CFR 63.113(e)]	TRE index value > 4.0 (no units). Subpart G. [40 CFR 63.113(e)] Which Months: All Year Statistical Basis: None specified
57	[40 CFR 63.115(e)]	Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
58	[40 CFR 63.117(b)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Include all data, assumptions and procedures used for the engineering assessments, as specified in 40 CFR 63.115(d)(1). Subpart G. [40 CFR 63.117(b)]
59	[40 CFR 63.118(c)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
60	[40 CFR 63.118(h)]	Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent with a TRE greater than 4.0 to become a Group 2 process vent with a TRE less than 4.0. Include the information specified in 40 CFR 63.118(h)(1) through (h)(3). Subpart G. [40 CFR 63.118(h)]
61	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0025 1110-3I - Isom Reactors

62	[40 CFR 63.113(e)]	TRE index value > 4.0 (no units). Subpart G. [40 CFR 63.113(e)] Which Months: All Year Statistical Basis: None specified
63	[40 CFR 63.115(e)]	Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
64	[40 CFR 63.117(b)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Include all data, assumptions and procedures used for the engineering assessments, as specified in 40 CFR 63.115(d)(1). Subpart G. [40 CFR 63.117(b)]
65	[40 CFR 63.118(c)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
66	[40 CFR 63.118(h)]	Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent with a TRE greater than 4.0 to become a Group 2 process vent with a TRE less than 4.0. Include the information specified in 40 CFR 63.118(h)(1) through (h)(3). Subpart G. [40 CFR 63.118(h)]
67	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0026 1110-4 - CD Vent Condenser

68	[40 CFR 63.113(d)]	TRE index value > 1.0 (no units). Subpart G. [40 CFR 63.113(d)] Which Months: All Year Statistical Basis: None specified
69	[40 CFR 63.115(e)]	Recalculate the TRE index value, flow, or organic hazardous air pollutants concentration for each process vent, as necessary to determine whether the vent is Group 1 or Group 2, whenever process changes are made that could reasonably be expected to change the vent to a Group 1 vent. Subpart G. [40 CFR 63.115(e)]
70	[40 CFR 63.117(a)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.117(a)(4) through (a)(8), as applicable. Subpart G. [40 CFR 63.117(a)]
71	[40 CFR 63.118(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.118(b)(1) and (b)(2). Subpart G. [40 CFR 63.118(b)]
72	[40 CFR 63.118(c)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of any process changes as defined in 40 CFR 63.115(e), and any recalculation of the TRE index value pursuant to 40 CFR 63.115(e). Subpart G. [40 CFR 63.118(c)]
73	[40 CFR 63.118(g)]	Submit report: Due within 180 calendar days after a process change, as defined in 40 CFR 63.115(e), is made that causes a Group 2 process vent to become a Group 1 process vent. Include the information specified in 40 CFR 63.118(g)(1) through (g)(3). Subpart G. [40 CFR 63.118(g)]
74	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.
75	[LAC 33:III.501.C.6]	The Permittee shall operate this source within the outlined parameters as specified in Part 70 Specific Condition No. 2 and State-Only Specific Condition No. 2 in this permit.

EQT 0027 1110-4B - Catalyst Sludge Receiver

76	[LAC 33:III.5109.A]	Control *emissions* of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Since the volume of this vessel is less than 75 cubic meters (*19,813 gallons*), no additional control is determined as MACT (40 CFR 63.101, storage vessel definition).

EQT 0029 1110-9 - Toluene Storage Tank

77	[40 CFR 63.123(a)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart G. [40 CFR 63.123(a)]

EQT 0046 1117-1 - DCB Storage Tanks Vent

78	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept for the life of the source. Note: This requirement is only applicable to EQT051 (Source ID No. 1117-1E HCl Feed Tank) and EQT053 (Source ID No. 1117-1G t-1,4-DCB Tank). [40 CFR 60.116b(b)]

EQT 0046 1117-1 - DCB Storage Tanks Vent

79	[40 CFR 63.123(a)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart G. [40 CFR 63.123(a)]
80	[LAC 33:III.501.C.6]	The Permitee shall operate this source within the outlined parameters as listed in State-Only Specific Conditions 2 and 3 in this permit. (State-Only Requirement).

EQT 0047 1117-1A - West Crude Tank

81	[40 CFR 63.123(a)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart G. [40 CFR 63.123(a)]

EQT 0048 1117-1B - East Crude Tank

82	[40 CFR 63.123(a)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart G. [40 CFR 63.123(a)]

EQT 0050 1117-1D - Swing Tank

83	[40 CFR 63.123(a)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart G. [40 CFR 63.123(a)]

EQT 0051 1117-1E - HCl Feed Tank

84	[40 CFR 63.123(a)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart G. [40 CFR 63.123(a)]

EQT 0052 1117-1F - Waste Organic Tank

85	[40 CFR 63.123(a)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. Keep the records as long as the storage vessel retains Group 2 status and is in operation. Subpart G. [40 CFR 63.123(a)]

EQT 0053 1117-1G - t-1,4,-DCB Tank

EQT 0053 1117-1G - t-1,4,-DCB Tank

86	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept for the life of the source. [40 CFR 60.116b(b)]

EQT 0059 1140-20 - Aqueous Storage Vent Condenser

87	[40 CFR 63.132(a)(1)]	Determine whether each wastewater stream requires control for Table 9 compounds by complying with the requirements in 40 CFR 63.132(a)(1)(i) or (a)(1)(ii), and (a)(1)(iii). Subpart G. [40 CFR 63.132(a)(1)]
88	[40 CFR 63.132(a)(3)]	The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8). [40 CFR 63.132(a)(3)]
89	[40 CFR 63.132(c)]	Determine total annual average concentration of Table 9 compounds according to the procedures in 40 CFR 63.144(b), and determine annual average flow rate according to the procedures in 40 CFR 63.144(c), to determine whether a wastewater stream is Group 1 or Group 2 for Table 9 compounds. Subpart G. [40 CFR 63.132(c)]
90	[40 CFR 63.132(f)]	Do not discard liquid or solid organic materials with a concentration of greater than 10,000 ppm of Table 9 compounds (as determined by analysis of the stream composition, engineering calculations, or process knowledge, according to the provisions of 40 CFR 63.144(b)) from a chemical manufacturing process unit to water or wastewater, unless the receiving stream is managed and treated as a Group 1 wastewater stream. Subpart G. [40 CFR 63.132(f)]
91	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.
92	[LAC 33:III.501.C.6]	The Permittee shall operate this source within the outlined parameters as specified in State-Only Specific Condition No. 2 of this permit. (State-Only Requirement).

EQT 0060 1140-20A - Diversion Tank

93	[40 CFR 63.132(a)(1)]	Determine whether each wastewater stream requires control for Table 9 compounds by complying with the requirements in 40 CFR 63.132(a)(1)(i) or (a)(1)(ii), and (a)(1)(iii). Subpart G. [40 CFR 63.132(a)(1)]
94	[40 CFR 63.132(a)(3)]	The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8). [40 CFR 63.132(a)(3)]
95	[40 CFR 63.132(c)]	Determine total annual average concentration of Table 9 compounds according to the procedures in 40 CFR 63.144(b), and determine annual average flow rate according to the procedures in 40 CFR 63.144(c), to determine whether a wastewater stream is Group 1 or Group 2 for Table 9 compounds. Subpart G. [40 CFR 63.132(c)]
96	[40 CFR 63.132(f)]	Do not discard liquid or solid organic materials with a concentration of greater than 10,000 ppm of Table 9 compounds (as determined by analysis of the stream composition, engineering calculations, or process knowledge, according to the provisions of 40 CFR 63.144(b)) from a chemical manufacturing process unit to water or wastewater, unless the receiving stream is managed and treated as a Group 1 wastewater stream. Subpart G. [40 CFR 63.132(f)]

EQT 0061 1140-20B - Aqueous Clarifier Tank

97	[40 CFR 63.132(a)(1)]	Determine whether each wastewater stream requires control for Table 9 compounds by complying with the requirements in 40 CFR 63.132(a)(1)(i) or (a)(1)(ii), and (a)(1)(iii). Subpart G. [40 CFR 63.132(a)(1)]
98	[40 CFR 63.132(a)(3)]	The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8). [40 CFR 63.132(a)(3)]
99	[40 CFR 63.132(c)]	Determine total annual average concentration of Table 9 compounds according to the procedures in 40 CFR 63.144(b), and determine annual average flow rate according to the procedures in 40 CFR 63.144(c), to determine whether a wastewater stream is Group 1 or Group 2 for Table 9 compounds. Subpart G. [40 CFR 63.132(c)]
100	[40 CFR 63.132(f)]	Do not discard liquid or solid organic materials with a concentration of greater than 10,000 ppm of Table 9 compounds (as determined by analysis of the stream composition, engineering calculations, or process knowledge, according to the provisions of 40 CFR 63.144(b)) from a chemical manufacturing process unit to water or wastewater, unless the receiving stream is managed and treated as a Group 1 wastewater stream. Subpart G. [40 CFR 63.132(f)]

EQT 0062 1140-20C - No.1 CD Brine Tank

101	[40 CFR 63.132(a)(1)]	Determine whether each wastewater stream requires control for Table 9 compounds by complying with the requirements in 40 CFR 63.132(a)(1)(i) or (a)(1)(ii), and (a)(1)(iii). Subpart G. [40 CFR 63.132(a)(1)]
102	[40 CFR 63.132(a)(3)]	The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8). [40 CFR 63.132(a)(3)]
103	[40 CFR 63.132(c)]	Determine total annual average concentration of Table 9 compounds according to the procedures in 40 CFR 63.144(b), and determine annual average flow rate according to the procedures in 40 CFR 63.144(c), to determine whether a wastewater stream is Group 1 or Group 2 for Table 9 compounds. Subpart G. [40 CFR 63.132(c)]
104	[40 CFR 63.132(f)]	Do not discard liquid or solid organic materials with a concentration of greater than 10,000 ppm of Table 9 compounds (as determined by analysis of the stream composition, engineering calculations, or process knowledge, according to the provisions of 40 CFR 63.144(b)) from a chemical manufacturing process unit to water or wastewater, unless the receiving stream is managed and treated as a Group 1 wastewater stream. Subpart G. [40 CFR 63.132(f)]

EQT 0063 1140-20D - No.2 CD Brine Tank

105	[40 CFR 63.132(a)(1)]	Determine whether each wastewater stream requires control for Table 9 compounds by complying with the requirements in 40 CFR 63.132(a)(1)(i) or (a)(1)(ii), and (a)(1)(iii). Subpart G. [40 CFR 63.132(a)(1)]
106	[40 CFR 63.132(a)(3)]	The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8). [40 CFR 63.132(a)(3)]
107	[40 CFR 63.132(c)]	Determine total annual average concentration of Table 9 compounds according to the procedures in 40 CFR 63.144(b), and determine annual average flow rate according to the procedures in 40 CFR 63.144(c), to determine whether a wastewater stream is Group 1 or Group 2 for Table 9 compounds. Subpart G. [40 CFR 63.132(c)]

EQT 0063 1140-20D - No.2 CD Brine Tank

108	[40 CFR 63.132(f)]	Do not discard liquid or solid organic materials with a concentration of greater than 10,000 ppm of Table 9 compounds (as determined by analysis of the stream composition, engineering calculations, or process knowledge, according to the provisions of 40 CFR 63.144(b)) from a chemical manufacturing process unit to water or wastewater, unless the receiving stream is managed and treated as a Group 1 wastewater stream. Subpart G. [40 CFR 63.132(f)]

EQT 0064 1150-25 - Emergency Aqueous Tank

109	[40 CFR 63.132(a)(1)]	Determine whether each wastewater stream requires control for Table 9 compounds by complying with the requirements in 40 CFR 63.132(a)(1)(i) or (a)(1)(ii), and (a)(1)(iii). Subpart G. [40 CFR 63.132(a)(1)]
110	[40 CFR 63.132(a)(3)]	The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8). [40 CFR 63.132(a)(3)]
111	[40 CFR 63.132(c)]	Determine total annual average concentration of Table 9 compounds according to the procedures in 40 CFR 63.144(b), and determine annual average flow rate according to the procedures in 40 CFR 63.144(c), to determine whether a wastewater stream is Group 1 or Group 2 for Table 9 compounds. Subpart G. [40 CFR 63.132(c)]
112	[40 CFR 63.132(f)]	Do not discard liquid or solid organic materials with a concentration of greater than 10,000 ppm of Table 9 compounds (as determined by analysis of the stream composition, engineering calculations, or process knowledge, according to the provisions of 40 CFR 63.144(b)) from a chemical manufacturing process unit to water or wastewater, unless the receiving stream is managed and treated as a Group 1 wastewater stream. Subpart G. [40 CFR 63.132(f)]

EQT 0067 7000-10A - Monomer Flare

113	[40 CFR 63.11(b)(1)]	Monitor flares to assure that they are operated and maintained in conformance with their designs. Subpart A. [40 CFR 63.11(b)(1)]
114	[40 CFR 63.11(b)(3)]	Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 63.11(b)(3)]
115	[40 CFR 63.11(b)(4)]	Design and operate for no visible emissions, as determined using Test Method 22 in Appendix A of 40 CFR 60, except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 63.11(b)(4)]
116	[40 CFR 63.11(b)(5)]	Operate with a flame present at all times. Subpart A. [40 CFR 63.11(b)(5)]
117	[40 CFR 63.11(b)(5)]	Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flame. Subpart A. [40 CFR 63.11(b)(5)] Which Months: All Year Statistical Basis: None specified
118	[40 CFR 63.11(b)(6)(ii)]	Heat content >= 300 BTU/scf (11.2 MJ/scm). Determine the net heating value of the gas being combusted using the equation specified in 40 CFR 63.11(b)(6)(ii). Subpart A. [40 CFR 63.11(b)(6)(ii)] Which Months: All Year Statistical Basis: None specified
119	[40 CFR 63.11(b)(7)(iii)]	Exit Velocity < 400 ft/sec and Vmax, as determined by the method specified in 40 CFR 63.11(b)(7)(i). Determine Vmax using the method specified in 40 CFR 63.11(b)(7)(iii). Subpart A. [40 CFR 63.11(b)(7)(iii)] Which Months: All Year Statistical Basis: None specified
120	[40 CFR 63.113(a)(1)(i)]	Comply with the provisions of 40 CFR 63.11(b). Subpart G. [40 CFR 63.113(a)(1)(i)]

EQT 0067 7000-10A - Monomer Flare

121	[40 CFR 63.114(a)(2)]	Presence of a flame monitored by the regulation's specified method(s) continuously. Subpart G. [40 CFR 63.114(a)(2)] Which Months: All Year Statistical Basis: None specified
122	[40 CFR 63.116(a)(1)]	Conduct a visible emission test using the techniques specified in 40 CFR 63.11(b)(4). Subpart G. [40 CFR 63.116(a)(1)]
123	[40 CFR 63.116(a)(2)]	Determine the net heating value of the gas being combusted using the techniques specified in 40 CFR 63.11(b)(6). Subpart G. [40 CFR 63.116(a)(2)]
124	[40 CFR 63.116(a)(3)]	Determine the exit velocity using the techniques specified in either 40 CFR 63.11(b)(7)(i) or 63.11(b)(8), as appropriate. Subpart G. [40 CFR 63.116(a)(3)]
125	[40 CFR 63.117(a)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.117(a)(4) through (a)(8), as applicable. Subpart G. [40 CFR 63.117(a)]
126	[40 CFR 63.118(a)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.118(a)(1) through (a)(4). Subpart G. [40 CFR 63.118(a)]
127	[LAC 33:III.1105]	Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets. Which Months: All Year Statistical Basis: None specified
128	[LAC 33:III.1105]	Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:I.3923. Notification is required only if the upset cannot be controlled in six hours.

EQT 0068 7000-10A.1 - Diluent Tank

129	[LAC 33:III.2103.E.1]	VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. Which Months: All Year Statistical Basis: None specified
130	[LAC 33:III.2103.E]	Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place.
131	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
132	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0069 7000-10A.2 - Pentane Tank

133	[LAC 33:III.2103.E.1]	VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. Which Months: All Year Statistical Basis: None specified

EQT 0069 7000-10A.2 - Pentane Tank

134	[LAC 33:III.2103.E]	Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place.
135	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
136	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0071 7000-10A.4 - Flare Tank Separator

137	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Emissions from this source are controlled by EQT067, Monomer Flare (Source ID No. 7000-10A) which is determined as MACT.

EQT 0072 7000-10A.5 - Mole Sieve Vent

138	[40 CFR 63.113(a)(1)]	Reduce emissions of organic HAP using a flare. Do not vent halogenated vent streams to a flare. Subpart G. [40 CFR 63.113(a)(1)]
139	[40 CFR 63.117(a)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.117(a)(4) through (a)(8), as applicable. Subpart G. [40 CFR 63.117(a)]
140	[40 CFR 63.118(a)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep up-to-date, readily accessible records of the data specified in 40 CFR 63.118(a)(1) through (a)(4). Subpart G. [40 CFR 63.118(a)]

EQT 0073 7000-10A.6 - Mole Sieve Regeneration Gas

141	[LAC 33:III.2115.A]	Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. Which Months: All Year Statistical Basis: None specified
142	[LAC 33:III.2115.I]	Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate.
143	[LAC 33:III.2115.J.1]	Demonstrate compliance with LAC 33:III.2115 as requested by DEQ.
144	[LAC 33:III.2115.J.2]	Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e.
145	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.
146	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Emissions from this source are controlled by EQT067, Monomer Flare (Source ID No. 7000-10A) which is determined as MACT.

EQT 0081 1-93 - LPC Emergency Flare

147	[LAC 33:III.1105]	Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets. Which Months: All Year Statistical Basis: None specified
148	[LAC 33:III.1105]	Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:I.3923. Notification is required only if the upset cannot be controlled in six hours.
149	[LAC 33:III.1107]	Submit report: Due in writing to the Office of Environmental Compliance, Emergency and Radiological Services Division, SPOC, within seven calendar days after startup or shutdown, if flaring was not the result of failure to maintain or repair equipment. Submit report if requesting exemption from the provisions of LAC 33:III.1105. Explain the conditions and duration of the startup or shutdown and list the steps necessary to remedy, prevent and limit the excess emissions. Minimize flaring and ensure that no ambient air quality standards are jeopardized.
150	[LAC 33:III.927]	The permitted emissions from this flare are from the pilot flame only. Any venting to this flare shall be considered an unauthorized discharge and shall be reported in accordance with LAC 33:I.Chapter 39, Notification Regulations and Procedures for Unauthorized Discharges.

EQT 0100 1110-25A.1 - PTZ/NMP Make-up Tank (110-25A) Manhole Vent

151	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0102 1110-26A - DCB Chlorinator

152	[40 CFR 63.2465(b)]	If any process vents within a process emit hydrogen halide and halogen HAP, the Permittee must detemine and sum the uncontrolled hydrogen halide and halogen HAP emissions from each of the process vents within the process using the procedures specified in 40 CFR 63.1257(d)(2)(i) and (ii). [40 CFR 63.2465(b)]
153	[40 CFR 63.2520]	The Permittee shall comply with all applicable reporting requirements of 40 CFR 63 Subpart FFFF, Table 11. Subpart FFFF.
154	[40 CFR 63.2525]	The Permittee shall maintain records as specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.
155	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0104 1110-26C - MD Condenser

156	[40 CFR 63.2465(b)]	If any process vents within a process emit hydrogen halide and halogen HAP, the Permittee must detemine and sum the uncontrolled hydrogen halide and halogen HAP emissions from each of the process vents within the process using the procedures specified in 40 CFR 63.1257(d)(2)(i) and (ii). [40 CFR 63.2465(b)]
157	[40 CFR 63.2520]	The Permittee shall comply with all applicable reporting requirements of 40 CFR 63 Subpart FFFF, Table 11. Subpart FFFF.
158	[40 CFR 63.2525]	The Permittee shall maintain records as specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.

EQT 0104 1110-26C - MD Condenser

159	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0105 1110-26D - MD Separator

160	[40 CFR 63.2465(b)]	If any process vents within a process emit hydrogen halide and halogen HAP, the Permittee must detemine and sum the uncontrolled hydrogen halide and halogen HAP emissions from each of the process vents within the process using the procedures specified in 40 CFR 63.1257(d)(2)(i) and (ii). [40 CFR 63.2465(b)]
161	[40 CFR 63.2520]	The Permittee shall comply with all applicable reporting requirements of 40 CFR 63 Subpart FFFF, Table 11. Subpart FFFF.
162	[40 CFR 63.2525]	The Permittee shall maintain records as specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.
163	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0106 1110-26E - MD Bubble Column

164	[40 CFR 63.2465(b)]	If any process vents within a process emit hydrogen halide and halogen HAP, the Permittee must detemine and sum the uncontrolled hydrogen halide and halogen HAP emissions from each of the process vents within the process using the procedures specified in 40 CFR 63.1257(d)(2)(i) and (ii). [40 CFR 63.2465(b)]
165	[40 CFR 63.2520]	The Permittee shall comply with all applicable reporting requirements of 40 CFR 63 Subpart FFFF, Table 11. Subpart FFFF.
166	[40 CFR 63.2525]	The Permittee shall maintain records as specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.
167	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0107 1110-26F - MD Pre-reactor

168	[40 CFR 63.2465(b)]	If any process vents within a process emit hydrogen halide and halogen HAP, the Permittee must detemine and sum the uncontrolled hydrogen halide and halogen HAP emissions from each of the process vents within the process using the procedures specified in 40 CFR 63.1257(d)(2)(i) and (ii). [40 CFR 63.2465(b)]
169	[40 CFR 63.2520]	The Permittee shall comply with all applicable reporting requirements of 40 CFR 63 Subpart FFFF, Table 11. Subpart FFFF.
170	[40 CFR 63.2525]	The Permittee shall maintain records as specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.
171	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0108 1110-26G - ACR Chlorinator Separator

172	[40 CFR 63.2465(b)]	If any process vents within a process emit hydrogen halide and halogen HAP, the Permittee must detemine and sum the uncontrolled hydrogen halide and halogen HAP emissions from each of the process vents within the process using the procedures specified in 40 CFR 63.1257(d)(2)(i) and (ii). [40 CFR 63.2465(b)]
173	[40 CFR 63.2520]	The Permittee shall comply with all applicable reporting requirements of 40 CFR 63 Subpart FFFF, Table 11. Subpart FFFF.
174	[40 CFR 63.2525]	The Permittee shall maintain records as specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.
175	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0109 1110-26H - ACR Chlorinator

176	[40 CFR 63.2465(b)]	If any process vents within a process emit hydrogen halide and halogen HAP, the Permittee must detemine and sum the uncontrolled hydrogen halide and halogen HAP emissions from each of the process vents within the process using the procedures specified in 40 CFR 63.1257(d)(2)(i) and (ii). [40 CFR 63.2465(b)]
177	[40 CFR 63.2520]	The Permittee shall comply with all applicable reporting requirements of 40 CFR 63 Subpart FFFF, Table 11. Subpart FFFF.
178	[40 CFR 63.2525]	The Permittee shall maintain records as specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.
179	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0114 1110-26 - ACR Process Vent

180	[40 CFR 63.2465(b)]	If any process vents within a process emit hydrogen halide and halogen HAP, the Permittee must detemine and sum the uncontrolled hydrogen halide and halogen HAP emissions from each of the process vents within the process using the procedures specified in 40 CFR 63.1257(d)(2)(i) and (ii). [40 CFR 63.2465(b)]
181	[40 CFR 63.2520]	The Permittee shall comply with all applicable reporting requirements of 40 CFR 63 Subpart FFFF, Table 11. Subpart FFFF.
182	[40 CFR 63.2525]	The Permittee shall maintain records as specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.
183	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

EQT 0115 - DCB Refining JVC Effluent Stream

184	[40 CFR 63.132(a)(3)]	The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0116 - ISOM JVC Effluent Stream

185 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0117 - Caustic Scrubber Letdown

186 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0118 - Water Layer Tank Letdown

187 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0119 - CD Brine

188 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0120 - Power Area Mole Sieve Header Knock Out Pot Flush Water

189 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0121 - Flare Stack Knock Out Pot Water

190 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0122 - Butadiene Sphere Wash Water

191 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0123 - Hydroblasting Wash Water

192 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0125 - Water Washings of Columns and Equipment

EQT 0125 - Water Washings of Columns and Equipment

193 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0127 - 1192 Cleaning Blasting Pad Water

194 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0128 - Greenhouse Sump Water

195 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0131 - Primary & Secondary CD Decanter NaCl Brine Water

196 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

EQT 0132 - Water Floatout of CD Reactors

197 [40 CFR 63.132(a)(3)] The Permittee shall comply with the applicable recordkeeping and reporting requirements specified in 40 CFR 63.146(b)(1) and 40 CFR 63.147(b)(8) for Group 2 wastewater streams. [40 CFR 63.132(a)(3)]

FUG 0001 3-91 - Chloroprene Unit - Fugitive Emissions

198 [40 CFR 63.162(c)] Identify each piece of equipment in a process unit such that it can be distinguished readily from equipment that is not subject to 40 CFR 63 Subpart H. Subpart H. [40 CFR 63.162(c)]

199 [40 CFR 63.162(f)] Clearly identify leaking equipment, for leaking equipment detected as specified in 40 CFR 63.163, 40 CFR 63.164, 40 CFR 63.168, 40 CFR 63.169, and 40 CFR 63.172 through 63.174. The identification may be removed after the equipment is repaired, except for valves or for connectors subject to 40 CFR 63.174(c)(1)(i). The identification on a valve may be removed after it has been monitored as specified in 40 CFR 63.168(f)(3) and 63.175(e)(i)(D), and no leak has been detected during the follow-up monitoring. If electing to comply using the provisions of 40 CFR 63.174(c)(1)(i), the identification on a connector may be removed after it is monitored as specified in 40 CFR 63.174(c)(1)(i) and no leak is detected during that monitoring. Subpart H. [40 CFR 63.162(f)]

200 [40 CFR 63.163(b)(1)] Pumps in light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, except as provided in 40 CFR 63.162(b) and 63.163(e) through (j). If a reading of 10,000 ppm (phase I); 5,000 ppm (phase II); or 5,000 ppm (phase III, pumps handling polymerizing monomers), 2,000 ppm (phase III, pumps in food/medical service), or 1,000 ppm (phase III, all other pumps) or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.163(c). Subpart H. [40 CFR 63.163(b)(1)]
Which Months: All Year Statistical Basis: None specified

FUG 0001 3-91 - Chloroprene Unit - Fugitive Emissions

201	[40 CFR 63.163(b)(3)]	Pumps in light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquids dripping from the pump seal, a leak is detected. If a leak is detected, initiate the repair provisions specified in 40 CFR 63.163(c). Subpart H. [40 CFR 63.163(b)(3)] Which Months: All Year Statistical Basis: None specified
202	[40 CFR 63.163(c)]	Pumps in light liquid service: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.163(c)(3) and 40 CFR 63.171. Subpart H. [40 CFR 63.163(c)]
203	[40 CFR 63.163(d)(2)]	Pumps in light liquid service: Implement a quality improvement program for pumps that complies with the requirements of 40 CFR 63.176, if, in Phase III, calculated on a 6-month rolling average, the greater of either 10 percent of the pumps in a process unit or three pumps in a process unit leak. Subpart H. [40 CFR 63.163(d)(2)]
204	[40 CFR 63.163(d)(4)]	Pumps in light liquid service: Determine percent leaking pumps using the equation in 40 CFR 63.163(d)(4). Subpart H. [40 CFR 63.163(d)(4)]
205	[40 CFR 63.163(e)(1)]	Pumps in light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the pump stuffing box pressure; or equip with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid into a process stream. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(1)]
206	[40 CFR 63.163(e)(2)]	Pumps in light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in light liquid service. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(2)]
207	[40 CFR 63.163(e)(3)]	Pumps in light liquid service (dual mechanical seal system): Equip barrier fluid system with a sensor that will detect failure of the seal system, barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(3)]
208	[40 CFR 63.163(e)(4)]	Pumps in light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquid dripping from the pump seal at the time of the weekly inspection, monitor the pump as specified in 40 CFR 63.180(b) to determine if there is a leak of organic HAP in the barrier fluid. If an instrument reading of 1,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 63.163(e)(6). Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(4)] Which Months: All Year Statistical Basis: None specified
209	[40 CFR 63.163(e)(6)(i)]	Pumps in light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(6)(i)]
210	[40 CFR 63.163(e)(6)]	Pumps in light liquid service (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(6)]

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211	[40 CFR 63.163(e)]	Pumps in light liquid service (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm unless the pump is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criteria established in 40 CFR 63.163(e)(6), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.163(e)(6). Comply with this requirement instead of the requirements in 40 CFR 63:163(a) through (d). Subpart H. [40 CFR 63.163(e)] Which Months: All Year Statistical Basis: None specified
212	[40 CFR 63.163(j)(1)]	Pumps in light liquid service (unsafe-to-monitor): Determine that the pump is unsafe-to-monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.163(b) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.163(b) through (e). Subpart H. [40 CFR 63.163(j)(1)]
213	[40 CFR 63.163(j)(2)]	Pumps in light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the pump as frequently as practicable during safe-to-monitor times but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.163(b) through (e). Subpart H. [40 CFR 63.163(j)(2)] Which Months: All Year Statistical Basis: None specified
214	[40 CFR 63.164(a)]	Compressors: Equip with a seal system that includes a barrier fluid system and that prevents leakage of process fluid to the atmosphere, except as provided in 40 CFR 63.162(b) and 40 CFR 63.164(h) and (i). Subpart H. [40 CFR 63.164(a)]
215	[40 CFR 63.164(b)]	Compressors: Operate the seal system with the barrier fluid at a pressure that is greater than the compressor stuffing box pressure; or equip with a barrier fluid system degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid directly into a process stream. Subpart H. [40 CFR 63.164(b)]
216	[40 CFR 63.164(c)]	Compressors: Ensure that the barrier fluid is not in light liquid service. Subpart H. [40 CFR 63.164(c)]
217	[40 CFR 63.164(d)]	Compressors: Equip each barrier fluid system as described in 40 CFR 63.164(a) through (c) with a sensor that will detect failure of the seal system, barrier fluid system, or both. Subpart H. [40 CFR 63.164(d)]
218	[40 CFR 63.164(e)(2)]	Compressors (sensor): Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both. Subpart H. [40 CFR 63.164(e)(2)]
219	[40 CFR 63.164(g)]	Compressors: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.164(g)]
220	[40 CFR 63.164(i)(2)]	Compressors (no detectable emissions): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually, and at other times requested by DEQ. Comply with this requirement instead of the requirements in 40 CFR 63.164(a) through (h). Subpart H. [40 CFR 63.164(i)(2)] Which Months: All Year Statistical Basis: None specified
221	[40 CFR 63.164]	Compressors (sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an alarm, unless the compressor is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criterion determined under 40 CFR 63.164(e)(2), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.164(g). Subpart H. Which Months: All Year Statistical Basis: None specified

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222	[40 CFR 63.165(a)]	Pressure relief device in gas/vapor service: Organic HAP < 500 ppm above background except during pressure releases, as determined by the method specified in 63.180(c). Subpart H. [40 CFR 63.165(a)] Which Months: All Year Statistical Basis: None specified
223	[40 CFR 63.165(b)(1)]	Pressure relief devices in gas/vapor service: After each pressure release, return to a condition indicated by an instrument reading of less than 500 ppm above background, as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.165(b)(1)]
224	[40 CFR 63.165(b)(2)]	Pressure relief devices in gas/vapor service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) after the pressure release and being returned to organic HAP service, to confirm the condition indicated by an instrument reading of less than 500 ppm above background, as measured by the method specified in 40 CFR 63.180(c). Subpart H. [40 CFR 63.165(b)(2)] Which Months: All Year Statistical Basis: None specified
225	[40 CFR 63.165(d)(2)]	Pressure relief devices in gas/vapor service (rupture disk): After each pressure release, install a new rupture disk upstream of the pressure relief device as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.165(a) and (b). Subpart H. [40 CFR 63.165(d)(2)]
226	[40 CFR 63.166]	Sampling connection systems: Equip with a closed-purge, closed-loop, or closed-vent system, except as provided in 40 CFR 63.162(b). Operate the system as specified in 40 CFR 63.166(b). Subpart H.
227	[40 CFR 63.167]	Open-ended valves or lines: Equip with a cap, blind flange, plug, or a second valve, except as provided in 40 CFR 63.162(b) and 40 CFR 63.167(d) and (e). Ensure that the cap, blind flange, plug or second valve seals the open end at all times except during operations requiring process fluid flow through the open-ended valve or line, or during maintenance or repair. Operate each open-ended valve or line equipped with a second valve in a manner such that the valve on the process fluid end is closed before the second valve is closed. Subpart H.
228	[40 CFR 63.168(c)]	Valves in gas/vapor service or light liquid service (Phase I): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Subpart H. [40 CFR 63.168(c)] Which Months: All Year Statistical Basis: None specified
229	[40 CFR 63.168(c)]	Valves in gas/vapor service or light liquid service (Phase II): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Subpart H. [40 CFR 63.168(c)] Which Months: All Year Statistical Basis: None specified
230	[40 CFR 63.168(d)(1)]	Valves in gas/vapor service or light liquid service (Phase III, 2 percent or greater leaking valves): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly, as specified in 40 CFR 63.180(b); or implement a quality improvement program for valves that complies with the requirements of 40 CFR 63.175 and monitor quarterly. If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). If electing to implement a quality improvement program, follow the procedures in 40 CFR 63.175. Subpart H. [40 CFR 63.168(d)(1)] Which Months: All Year Statistical Basis: None specified

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231	[40 CFR 63.168(d)(2)]	Valves in gas/vapor service or light liquid service (Phase III, less than 2 percent leaking valves): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Permittee may elect to comply with the alternate standards in 40 CFR 63.168(d)(3) and (d)(4). Subpart H. [40 CFR 63.168(d)(2)] Which Months: All Year Statistical Basis: None specified
232	[40 CFR 63.168(e)(1)]	Valves in gas/vapor service or light liquid service: Determine percent leaking valves using the equation in 40 CFR 63.168(e)(1). Subpart H. [40 CFR 63.168(e)(1)]
233	[40 CFR 63.168(f)(3)]	Valves in gas/vapor service or light liquid service (after leak repair): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within three months (at least) after repair to determine whether the valve has resumed leaking. Subpart H. [40 CFR 63.168(f)(3)] Which Months: All Year Statistical Basis: None specified
234	[40 CFR 63.168(f)]	Valves in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.168(f)]
235	[40 CFR 63.168(h)(1)]	Valves in gas/vapor service or light liquid service (unsafe-to-monitor): Demonstrate that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.168(b) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (f). Subpart H. [40 CFR 63.168(h)(1)]
236	[40 CFR 63.168(h)(2)]	Valves in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the valves as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (f). Subpart H. [40 CFR 63.168(h)(2)] Which Months: All Year Statistical Basis: None specified
237	[40 CFR 63.168(i)(1)]	Valves in gas/vapor service or light liquid service (difficult-to-monitor): Demonstrate that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface or it is not accessible at anytime in a safe manner. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (d). Subpart H. [40 CFR 63.168(i)(1)]
238	[40 CFR 63.168(i)(3)]	Valves in gas/vapor service or light liquid service (difficult-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Maintain a written plan that requires monitoring of the valves at least once per calendar year. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (d). Subpart H. [40 CFR 63.168(i)(3)] Which Months: All Year Statistical Basis: None specified
239	[40 CFR 63.169(a)]	Pumps, valves, connectors, and agitators in heavy liquid service; instrumentation systems; and pressure relief devices in liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) if evidence of a potential leak to the atmosphere is found by visible, audible, olfactory, or any other detection method. If a reading of 10,000 ppm for agitators, 5,000 ppm for pumps handling polymerizing monomers, 2,000 ppm for all other pumps (including pumps in food/medical service), or 500 ppm for valves, connectors, instrumentation systems, and pressure relief devices, or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.169(c). Subpart H. [40 CFR 63.169(a)] Which Months: All Year Statistical Basis: None specified
240	[40 CFR 63.169(c)]	Pumps, valves, connectors, and agitators in heavy liquid service; instrumentation systems; and pressure relief devices in liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.169(c)]

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241	[40 CFR 63.170]	Surge control vessels and bottoms receivers: Equip with a closed-vent system that routes the organic vapors vented from the surge control vessel or bottoms receiver back to the process or to a control device that complies with the requirements of 40 CFR 63.172, except as provided in 40 CFR 63.162(b), or comply with the requirements of 40 CFR 63.119(b) or (c), if surge control vessel or bottoms receiver is not routed back to the process and meets the conditions specified in 40 CFR 63 Subpart H Table 2 or Table 3. Subpart H.
242	[40 CFR 63.172(f)(1)(i)]	Closed-vent system (hard-piping): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(1)(i)] Which Months: All Year Statistical Basis: None specified
243	[40 CFR 63.172(f)(1)(ii)]	Closed-vent system (hard-piping): Presence of a leak monitored by visual, audible, and/or olfactory annually. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(1)(ii)] Which Months: All Year Statistical Basis: None specified
244	[40 CFR 63.172(f)(2)(i)]	Closed-vent system (duct work): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(2)(i)] Which Months: All Year Statistical Basis: None specified
245	[40 CFR 63.172(f)(2)(ii)]	Closed-vent system (duct work): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(2)(ii)] Which Months: All Year Statistical Basis: None specified
246	[40 CFR 63.172(h)]	Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.172(i). Subpart H. [40 CFR 63.172(h)]
247	[40 CFR 63.172(j)(1)]	Closed-vent system (bypass lines): Flow recordkeeping by electronic or hard copy once every 15 minutes. Generate records as specified in 40 CFR 63.118(a)(3). Subpart H. [40 CFR 63.172(j)(1)]
248	[40 CFR 63.172(j)(2)]	Closed-vent system (bypass lines): Seal or closure mechanism monitored by visual inspection/determination monthly to ensure the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass line. Subpart H. [40 CFR 63.172(j)(2)] Which Months: All Year Statistical Basis: None specified
249	[40 CFR 63.172(j)(2)]	Closed-vent system (bypass lines): Secure the bypass line valve in the non-diverting position with a car-seal or a lock-and-key type configuration. Subpart H. [40 CFR 63.172(j)(2)]
250	[40 CFR 63.172(k)(1)]	Closed-vent system (unsafe-to-inspect): Demonstrate that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential dangers as a consequence of complying with 40 CFR 63.172(f)(1) or (f)(2). Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(k)(1)]
251	[40 CFR 63.172(k)(2)]	Closed-vent system (unsafe-to-inspect): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times, but not more frequently than annually. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(k)(2)] Which Months: All Year Statistical Basis: None specified

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252	[40 CFR 63.172(l)(1)]	Closed-vent system (difficult-to-inspect): Demonstrate that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(l)(1)]
253	[40 CFR 63.172(l)(2)]	Closed-vent system (difficult-to-inspect): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(l)(2)] Which Months: All Year Statistical Basis: None specified
254	[40 CFR 63.172(m)]	Ensure that the closed-vent system or control device is operating whenever organic HAP emissions are vented to the closed-vent system or control device. Subpart H. [40 CFR 63.172(m)]
255	[40 CFR 63.173(a)]	Agitators in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, as specified in 40 CFR 63.180(b). If an instrument reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.173(c). Subpart H. [40 CFR 63.173(a)] Which Months: All Year Statistical Basis: None specified
256	[40 CFR 63.173(b)]	Agitators in gas/vapor service or light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar) for indications of liquids dripping from the agitator. If there are indications of liquids dripping from the agitator, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.173(c). Subpart H. [40 CFR 63.173(b)] Which Months: All Year Statistical Basis: None specified
257	[40 CFR 63.173(c)]	Agitators in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.173(c)]
258	[40 CFR 63.173(d)(1)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the agitator stuffing box pressure; or equip with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid into a process stream. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(1)]
259	[40 CFR 63.173(d)(2)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in light liquid organic HAP service. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(2)]
260	[40 CFR 63.173(d)(3)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Equip barrier fluid system with a sensor that will detect failure of the seal system, barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(3)]
261	[40 CFR 63.173(d)(4)]	Agitators in gas/vapor service or light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the agitator seal. If there are indications of liquid dripping from the agitator seal at the time of the weekly inspection, monitor the agitator as specified in 40 CFR 63.180(b) to determine the presence of organic HAP in the barrier fluid. If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 63.173(d)(6). Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(4)] Which Months: All Year Statistical Basis: None specified

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262	[40 CFR 63.173(d)(6)(i)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(6)(i)]
263	[40 CFR 63.173(d)(6)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(6)]
264	[40 CFR 63.173(d)]	Agitators in gas/vapor service or light liquid service (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm unless the agitator is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criteria established in 40 CFR 63.173(d)(6), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.173(d)(6). Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)] Which Months: All Year Statistical Basis: None specified
265	[40 CFR 63.173(h)(1)]	Agitators in gas/vapor service or light liquid service (difficult to monitor): Demonstrate that the agitator cannot be monitored without elevating the monitoring personnel more than two meters above a support surface or it is not accessible at anytime in a safe manner. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(h)(1)]
266	[40 CFR 63.173(h)(3)]	Agitators in gas/vapor service or light liquid service (difficult-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Maintain a written plan that requires monitoring of the agitator at least once per calendar year. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(h)(3)] Which Months: All Year Statistical Basis: None specified
267	[40 CFR 63.173(j)(1)]	Agitators in gas/vapor service or light liquid service (unsafe-to-monitor): Demonstrate that the agitator is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.173(a) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(j)(1)]
268	[40 CFR 63.173(j)(2)]	Agitators in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the agitator as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(j)(2)] Which Months: All Year Statistical Basis: None specified
269	[40 CFR 63.174(b)(1)]	Connectors in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within 12 months after the compliance date, except as provided in 40 CFR 63.174(f) through (h). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(b)(1)] Which Months: All Year Statistical Basis: None specified
270	[40 CFR 63.174(b)(2)]	Connectors in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within the first 12 months after initial startup or by no later than 12 months after the date of promulgation of a specific subpart that references 40 CFR 63 Subpart H, whichever is later, except as specified in 40 CFR 63.174(f) through (h). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(b)(2)] Which Months: All Year Statistical Basis: None specified

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271	[40 CFR 63.174(b)(3)(i)]	Connectors in gas/vapor service or light liquid service (0.5% or greater leaking): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Subpart H. [40 CFR 63.174(b)(3)(i)] Which Months: All Year Statistical Basis: None specified
272	[40 CFR 63.174(b)(3)(ii)]	Connectors in gas/vapor service or light liquid service (less than 0.5% leaking): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once every two years. Subpart H. [40 CFR 63.174(b)(3)(ii)] Which Months: All Year Statistical Basis: None specified
273	[40 CFR 63.174(c)(1)(i)]	Connectors in gas/vapor service or light liquid service (opened or otherwise had the seal broken): Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 within three months after being returned to organic HAP service or when it is reconnected. If monitoring detects a leak, repair according to the provisions of 40 CFR 63.174(d), as specified, except as provided in 40 CFR 63.174(c)(1)(ii). Subpart H. [40 CFR 63.174(c)(1)(i)] Which Months: All Year Statistical Basis: None specified
274	[40 CFR 63.174(c)(2)(i)]	Connectors in gas/vapor service or light liquid service (2 inches or less in nominal diameter): Comply with the requirements of 40 CFR 63.169. Subpart H. [40 CFR 63.174(c)(2)(i)]
275	[40 CFR 63.174(c)(2)(ii)]	Connectors in gas/vapor service or light liquid service (2 inches or less in nominal diameter): Organic HAP monitored by technically sound method within three months after being returned to organic HAP service after having been opened or otherwise had the seal broken. If monitoring detects a leak, implement repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(c)(2)(ii)] Which Months: All Year Statistical Basis: None specified
276	[40 CFR 63.174(d)]	Connectors in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171 and 63.174(g). Subpart H. [40 CFR 63.174(d)]
277	[40 CFR 63.174(f)(1)]	Connectors in gas/vapor service or light liquid service (unsafe-to-monitor): Demonstrate that the connector is unsafe to monitor because personnel would be exposed to an immediate danger as a result of complying with 40 CFR 63.174(a) through (c). Comply with this requirement instead of the requirements in 40 CFR 63.174(a). Subpart H. [40 CFR 63.174(f)(1)]
278	[40 CFR 63.174(f)(2)]	Connectors in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of connectors as frequently as practicable during safe to monitor times, but not more frequently than the periodic schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.174(a). Subpart H. [40 CFR 63.174(f)(2)] Which Months: All Year Statistical Basis: None specified
279	[40 CFR 63.174(g)]	Connectors in gas/vapor service or light liquid service (unsafe-to-repair): Demonstrate that repair personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.174(d). Comply with this requirement instead of the requirements in 40 CFR 63.174(a), (d), and (e). Subpart H. [40 CFR 63.174(g)]
280	[40 CFR 63.174(h)(2)]	Connectors in gas/vapor service or light liquid service (inaccessible, ceramic, or ceramic-lined): Make a first attempt at repair within 5 days after leak is detected by visual, audible, olfactory or other means, and complete repairs no later than 15 calendar days after leak is detected, except as provided in 40 CFR 63.171 and 63.174(g). Comply with this requirement instead of the monitoring requirements of 40 CFR 63.174(a) and (c) and from the recordkeeping and reporting requirements of 40 CFR 63.181 and 63.182. Subpart H. [40 CFR 63.174(h)(2)]
281	[40 CFR 63.174(i)]	Connectors in gas/vapor service or light liquid service: Calculate percent leaking connectors as specified in 40 CFR 63.174(i)(1) and (i)(2). Subpart H. [40 CFR 63.174(i)]

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282	[40 CFR 63.180]	Comply with the test methods and procedures requirements provided in 40 CFR 63.180. Subpart H.
283	[40 CFR 63.181]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records as specified in 40 CFR 63.181(a) through (k). Subpart H.
284	[40 CFR 63.182(b)]	Submit Initial Notification: Due within 120 days after the date of promulgation of the subpart that references 40 CFR 63 Subpart H. Include the information specified in 40 CFR 63.182(b)(1). Subpart H. [40 CFR 63.182(b)]
285	[40 CFR 63.182(c)]	Submit Notification of Compliance Status: Due within 90 days of the compliance dates specified in the 40 CFR 63 subpart that references 40 CFR 63 Subpart H. Include the information specified in 40 CFR 63.182(c)(1) through (c)(3). Subpart H. [40 CFR 63.182(c)]
286	[40 CFR 63.182(d)]	Submit Periodic Reports: Due semiannually starting 6 months after the Notification of Compliance Status, as required in 40 CFR 63.182(c). Include the information specified in 40 CFR 63.182(d)(2) through (d)(4). Subpart H. [40 CFR 63.182(d)]
287	[LAC 33:III.501.C.6]	The number of each type of component required to be monitored for each monitoring period under applicable leak detection and repair programs shall be reported to the LDEQ by inclusion with each periodic monitoring report. Fugitive emission piping components may be added to or removed from the permitted units without triggering the need to apply for a permit modification, provided: a) Changes in components involve routine maintenance or are undertaken to address safety concerns, or involve small piping revisions with no associated emissions increase except from the fugitive emission components themselves; b) The changes do not involve any associated increase in production rate or capacity, or tie in of new or modified process equipment other than the piping components; c) Actual emissions following the changes will not exceed the emission limits contained in this permit; and d) The components are promptly incorporated into any applicable leak detection or repair program.
288	[LAC 33:III.501]	Comply with LAC 33:III.2121 by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with 40 CFR 63 Subpart H.

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289	[40 CFR 63.162(c)]	Identify each piece of equipment in a process unit such that it can be distinguished readily from equipment that is not subject to 40 CFR 63 Subpart H. Subpart H. [40 CFR 63.162(c)]
290	[40 CFR 63.162(f)]	Clearly identify leaking equipment, for leaking equipment detected as specified in 40 CFR 63.163, 40 CFR 63.164, 40 CFR 63.168, 40 CFR 63.169, and 40 CFR 63.172 through 63.174. The identification may be removed after the equipment is repaired, except for valves or for connectors subject to 40 CFR 63.174(c)(1)(i). The identification on a valve may be removed after it has been monitored as specified in 40 CFR 63.168(f)(3) and 63.175(e)(i)(D), and no leak has been detected during the follow-up monitoring. If electing to comply using the provisions of 40 CFR 63.174(c)(1)(i), the identification on a connector may be removed after it is monitored as specified in 40 CFR 63.174(c)(1)(i) and no leak is detected during that monitoring. Subpart H. [40 CFR 63.162(f)]
291	[40 CFR 63.163(b)(1)]	Pumps in light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, except as provided in 40 CFR 63.162(b) and 63.163(e) through (j). If a reading of 10,000 ppm (phase I); 5,000 ppm (phase II); or 5,000 ppm (phase III, pumps handling polymerizing monomers), 2,000 ppm (phase III, pumps in food/medical service), or 1,000 ppm (phase III, all other pumps) or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.163(c). Subpart H. [40 CFR 63.163(b)(1)] Which Months: All Year Statistical Basis: None specified

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292	[40 CFR 63.163(b)(3)]	Pumps in light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquids dripping from the pump seal, a leak is detected. If a leak is detected, initiate the repair provisions specified in 40 CFR 63.163(c). Subpart H. [40 CFR 63.163(b)(3)] Which Months: All Year Statistical Basis: None specified
293	[40 CFR 63.163(c)]	Pumps in light liquid service: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.163(c)(3) and 40 CFR 63.171. Subpart H. [40 CFR 63.163(c)]
294	[40 CFR 63.163(d)(2)]	Pumps in light liquid service: Implement a quality improvement program for pumps that complies with the requirements of 40 CFR 63.176, if, in Phase III, calculated on a 6-month rolling average, the greater of either 10 percent of the pumps in a process unit or three pumps in a process unit leak. Subpart H. [40 CFR 63.163(d)(2)]
295	[40 CFR 63.163(d)(4)]	Pumps in light liquid service: Determine percent leaking pumps using the equation in 40 CFR 63.163(d)(4). Subpart H. [40 CFR 63.163(d)(4)]
296	[40 CFR 63.163(e)(1)]	Pumps in light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the pump stuffing box pressure; or equip with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid into a process stream. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(1)]
297	[40 CFR 63.163(e)(2)]	Pumps in light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in light liquid service. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(2)]
298	[40 CFR 63.163(e)(3)]	Pumps in light liquid service (dual mechanical seal system): Equip barrier fluid system with a sensor that will detect failure of the seal system, barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(3)]
299	[40 CFR 63.163(e)(4)]	Pumps in light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquid dripping from the pump seal at the time of the weekly inspection, monitor the pump as specified in 40 CFR 63.180(b) to determine if there is a leak of organic HAP in the barrier fluid. If an instrument reading of 1,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 63.163(e)(6). Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(4)] Which Months: All Year Statistical Basis: None specified
300	[40 CFR 63.163(e)(6)(i)]	Pumps in light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(6)(i)]
301	[40 CFR 63.163(e)(6)]	Pumps in light liquid service (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(6)]

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302	[40 CFR 63.163(e)]	Pumps in light liquid service (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm unless the pump is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criteria established in 40 CFR 63.163(e)(6), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.163(e)(6). Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)] Which Months: All Year Statistical Basis: None specified
303	[40 CFR 63.163(h)]	Pumps in light liquid service (unmanned plant site): Presence of a leak monitored by visual inspection/determination at the regulation's specified frequency. Monitor each pump as often as practicable and at least monthly. Comply with this requirement instead of the weekly visual inspection requirement of 40 CFR 63.163(b)(3) and (e)(4), and the daily requirements of 40 CFR 63.163(e)(5). Subpart H. [40 CFR 63.163(h)] Which Months: All Year Statistical Basis: None specified
304	[40 CFR 63.163(j)(1)]	Pumps in light liquid service (unsafe-to-monitor): Determine that the pump is unsafe-to-monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.163(b) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.163(b) through (e). Subpart H. [40 CFR 63.163(j)(1)]
305	[40 CFR 63.163(j)(2)]	Pumps in light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the pump as frequently as practicable during safe-to-monitor times but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.163(b) through (e). Subpart H. [40 CFR 63.163(j)(2)] Which Months: All Year Statistical Basis: None specified
306	[40 CFR 63.164(a)]	Compressors: Equip with a seal system that includes a barrier fluid system and that prevents leakage of process fluid to the atmosphere, except as provided in 40 CFR 63.162(b) and 40 CFR 63.164(h) and (i). Subpart H. [40 CFR 63.164(a)]
307	[40 CFR 63.164(b)]	Compressors: Operate the seal system with the barrier fluid at a pressure that is greater than the compressor stuffing box pressure; or equip with a barrier fluid system degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid directly into a process stream. Subpart H. [40 CFR 63.164(b)]
308	[40 CFR 63.164(c)]	Compressors: Ensure that the barrier fluid is not in light liquid service. Subpart H. [40 CFR 63.164(c)]
309	[40 CFR 63.164(d)]	Compressors: Equip each barrier fluid system as described in 40 CFR 63.164(a) through (c) with a sensor that will detect failure of the seal system, barrier fluid system, or both. Subpart H. [40 CFR 63.164(d)]
310	[40 CFR 63.164(e)(2)]	Compressors (sensor): Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both. Subpart H. [40 CFR 63.164(e)(2)]
311	[40 CFR 63.164(g)]	Compressors: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.164(g)]
312	[40 CFR 63.164(i)(2)]	Compressors (no detectable emissions): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually, and at other times requested by DEQ. Comply with this requirement instead of the requirements in 40 CFR 63.164(a) through (h). Subpart H. [40 CFR 63.164(i)(2)] Which Months: All Year Statistical Basis: None specified

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313	[40 CFR 63.164]	Compressors (sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an alarm, unless the compressor is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criterion determined under 40 CFR 63.164(e)(2), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.164(g). Subpart H. Which Months: All Year Statistical Basis: None specified
314	[40 CFR 63.165(a)]	Pressure relief device in gas/vapor service: Organic HAP < 500 ppm above background except during pressure releases, as determined by the method specified in 63.180(c). Subpart H. [40 CFR 63.165(a)] Which Months: All Year Statistical Basis: None specified
315	[40 CFR 63.165(b)(1)]	Pressure relief devices in gas/vapor service: After each pressure release, return to a condition indicated by an instrument reading of less than 500 ppm above background, as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.165(b)(1)]
316	[40 CFR 63.165(b)(2)]	Pressure relief devices in gas/vapor service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) after the pressure release and being returned to organic HAP service, to confirm the condition indicated by an instrument reading of less than 500 ppm above background, as measured by the method specified in 40 CFR 63.180(c). Subpart H. [40 CFR 63.165(b)(2)] Which Months: All Year Statistical Basis: None specified
317	[40 CFR 63.165(d)(2)]	Pressure relief devices in gas/vapor service (rupture disk): After each pressure release, install a new rupture disk upstream of the pressure relief device as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.165(a) and (b). Subpart H. [40 CFR 63.165(d)(2)]
318	[40 CFR 63.166]	Sampling connection systems: Equip with a closed-purge, closed-loop, or closed-vent system, except as provided in 40 CFR 63.162(b). Operate the system as specified in 40 CFR 63.166(b). Subpart H.
319	[40 CFR 63.167]	Open-ended valves or lines: Equip with a cap, blind flange, plug, or a second valve, except as provided in 40 CFR 63.162(b) and 40 CFR 63.167(d) and (e). Ensure that the cap, blind flange, plug or second valve seals the open end at all times except during operations requiring process fluid flow through the open-ended valve or line, or during maintenance or repair. Operate each open-ended valve or line equipped with a second valve in a manner such that the valve on the process fluid end is closed before the second valve is closed. Subpart H.
320	[40 CFR 63.168(c)]	Valves in gas/vapor service or light liquid service (Phase I): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Subpart H. [40 CFR 63.168(c)] Which Months: All Year Statistical Basis: None specified
321	[40 CFR 63.168(c)]	Valves in gas/vapor service or light liquid service (Phase II): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Subpart H. [40 CFR 63.168(c)] Which Months: All Year Statistical Basis: None specified

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322 [40 CFR 63.168(d)(1)] Valves in gas/vapor service or light liquid service (Phase III, 2 percent or greater leaking valves): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly, as specified in 40 CFR 63.180(b); or implement a quality improvement program for valves that complies with the requirements of 40 CFR 63.175 and monitor quarterly. If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). If electing to implement a quality improvement program, follow the procedures in 40 CFR 63.175. Subpart H. [40 CFR 63.168(d)(1)]
Which Months: All Year Statistical Basis: None specified

323 [40 CFR 63.168(d)(2)] Valves in gas/vapor service or light liquid service (Phase III, less than 2 percent leaking valves): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Permittee may elect to comply with the alternate standards in 40 CFR 63.168(d)(3) and (d)(4). Subpart H. [40 CFR 63.168(d)(2)]
Which Months: All Year Statistical Basis: None specified

324 [40 CFR 63.168(e)(1)] Valves in gas/vapor service or light liquid service: Determine percent leaking valves using the equation in 40 CFR 63.168(e)(1). Subpart H. [40 CFR 63.168(e)(1)]

325 [40 CFR 63.168(f)(3)] Valves in gas/vapor service or light liquid service (after leak repair): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within three months (at least) after repair to determine whether the valve has resumed leaking. Subpart H. [40 CFR 63.168(f)(3)]
Which Months: All Year Statistical Basis: None specified

326 [40 CFR 63.168(f)] Valves in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.168(f)]

327 [40 CFR 63.168(h)(1)] Valves in gas/vapor service or light liquid service (unsafe-to-monitor): Demonstrate that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.168(b) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (f). Subpart H. [40 CFR 63.168(h)(1)]

328 [40 CFR 63.168(h)(2)] Valves in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the valves as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (f). Subpart H. [40 CFR 63.168(h)(2)]
Which Months: All Year Statistical Basis: None specified

329 [40 CFR 63.168(i)(1)] Valves in gas/vapor service or light liquid service (difficult-to-monitor): Demonstrate that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface or it is not accessible at anytime in a safe manner. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (d). Subpart H. [40 CFR 63.168(i)(1)]

330 [40 CFR 63.168(i)(3)] Valves in gas/vapor service or light liquid service (difficult-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Maintain a written plan that requires monitoring of the valves at least once per calendar year. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (d). Subpart H. [40 CFR 63.168(i)(3)]
Which Months: All Year Statistical Basis: None specified

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331	[40 CFR 63.169(a)]	Pumps, valves, connectors, and agitators in heavy liquid service; instrumentation systems; and pressure relief devices in liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) if evidence of a potential leak to the atmosphere is found by visible, audible, olfactory, or any other detection method. If a reading of 10,000 ppm for agitators, 5,000 ppm for pumps handling polymerizing monomers, 2,000 ppm for all other pumps (including pumps in food/medical service), or 500 ppm for valves, connectors, instrumentation systems, and pressure relief devices, or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.169(c). Subpart H. [40 CFR 63.169(a)] Which Months: All Year Statistical Basis: None specified
332	[40 CFR 63.169(c)]	Pumps, valves, connectors, and agitators in heavy liquid service; instrumentation systems; and pressure relief devices in liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.169(c)]
333	[40 CFR 63.170]	Surge control vessels and bottoms receivers: Equip with a closed-vent system that routes the organic vapors vented from the surge control vessel or bottoms receiver back to the process or to a control device that complies with the requirements of 40 CFR 63.172, except as provided in 40 CFR 63.162(b), or comply with the requirements of 40 CFR 63.119(b) or (c), if surge control vessel or bottoms receiver is not routed back to the process and meets the conditions specified in 40 CFR 63 Subpart H Table 2 or Table 3. Subpart H.
334	[40 CFR 63.172(f)(1)(i)]	Closed-vent system (hard-piping): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(1)(i)] Which Months: All Year Statistical Basis: None specified
335	[40 CFR 63.172(f)(1)(ii)]	Closed-vent system (hard-piping): Presence of a leak monitored by visual, audible, and/or olfactory annually. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(1)(ii)] Which Months: All Year Statistical Basis: None specified
336	[40 CFR 63.172(f)(2)(i)]	Closed-vent system (duct work): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(2)(i)] Which Months: All Year Statistical Basis: None specified
337	[40 CFR 63.172(f)(2)(ii)]	Closed-vent system (duct work): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(2)(ii)] Which Months: All Year Statistical Basis: None specified
338	[40 CFR 63.172(h)]	Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.172(i). Subpart H. [40 CFR 63.172(h)]
339	[40 CFR 63.172(j)(1)]	Closed-vent system (bypass lines): Flow monitored by flow indicator once every 15 minutes. Install flow indicator at the entrance to any bypass line. Subpart H. [40 CFR 63.172(j)(1)] Which Months: All Year Statistical Basis: None specified
340	[40 CFR 63.172(j)(1)]	Closed-vent system (bypass lines): Flow recordkeeping by electronic or hard copy once every 15 minutes. Generate records as specified in 40 CFR 63.118(a)(3). Subpart H. [40 CFR 63.172(j)(1)]

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341	[40 CFR 63.172(j)(2)]	Closed-vent system (bypass lines): Seal or closure mechanism monitored by visual inspection/determination monthly to ensure the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass line. Subpart H. [40 CFR 63.172(j)(2)] Which Months: All Year Statistical Basis: None specified
342	[40 CFR 63.172(j)(2)]	Closed-vent system (bypass lines): Secure the bypass line valve in the non-diverting position with a car-seal or a lock-and-key type configuration. Subpart H. [40 CFR 63.172(j)(2)]
343	[40 CFR 63.172(k)(1)]	Closed-vent system (unsafe-to-inspect): Demonstrate that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential dangers as a consequence of complying with 40 CFR 63.172(f)(1) or (f)(2). Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(k)(1)]
344	[40 CFR 63.172(k)(2)]	Closed-vent system (unsafe-to-inspect): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times, but not more frequently than annually. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(k)(2)] Which Months: All Year Statistical Basis: None specified
345	[40 CFR 63.172(l)(1)]	Closed-vent system (difficult-to-inspect): Demonstrate that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(l)(1)]
346	[40 CFR 63.172(l)(2)]	Closed-vent system (difficult-to-inspect): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(l)(2)] Which Months: All Year Statistical Basis: None specified
347	[40 CFR 63.172(m)]	Ensure that the closed-vent system or control device is operating whenever organic HAP emissions are vented to the closed-vent system or control device. Subpart H. [40 CFR 63.172(m)]
348	[40 CFR 63.173(a)]	Agitators in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, as specified in 40 CFR 63.180(b). If an instrument reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.173(c). Subpart H. [40 CFR 63.173(a)] Which Months: All Year Statistical Basis: None specified
349	[40 CFR 63.173(b)]	Agitators in gas/vapor service or light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar) for indications of liquids dripping from the agitator. If there are indications of liquids dripping from the agitator, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.173(c). Subpart H. [40 CFR 63.173(b)] Which Months: All Year Statistical Basis: None specified
350	[40 CFR 63.173(c)]	Agitators in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.173(c)]

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351	[40 CFR 63.173(d)(1)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the agitator stuffing box pressure; or equip with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid into a process stream. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(1)]
352	[40 CFR 63.173(d)(2)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in light liquid organic HAP service. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(2)]
353	[40 CFR 63.173(d)(3)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Equip barrier fluid system with a sensor that will detect failure of the seal system, barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(3)]
354	[40 CFR 63.173(d)(4)]	Agitators in gas/vapor service or light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the agitator seal. If there are indications of liquid dripping from the agitator seal at the time of the weekly inspection, monitor the agitator as specified in 40 CFR 63.180(b) to determine the presence of organic HAP in the barrier fluid. If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 63.173(d)(6). Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(4)] Which Months: All Year Statistical Basis: None specified
355	[40 CFR 63.173(d)(6)(i)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(6)(i)]
356	[40 CFR 63.173(d)(6)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(6)]
357	[40 CFR 63.173(d)]	Agitators in gas/vapor service or light liquid service (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm unless the agitator is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criteria established in 40 CFR 63.173(d)(6), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.173(d)(6). Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)] Which Months: All Year Statistical Basis: None specified
358	[40 CFR 63.173(g)]	Agitators in gas/vapor service or light liquid service (unmanned plant site): Presence of a leak monitored by visual inspection/determination at the regulation's specified frequency. Monitor each agitator as often as practicable and at least monthly. Comply with this requirement instead of the weekly visual inspection requirement of 40 CFR 63.173(b)(1) and (d)(4), and the daily requirements of 40 CFR 63.173(d)(5). Subpart H. [40 CFR 63.173(g)] Which Months: All Year Statistical Basis: None specified
359	[40 CFR 63.173(h)(1)]	Agitators in gas/vapor service or light liquid service (difficult to monitor): Demonstrate that the agitator cannot be monitored without elevating the monitoring personnel more than two meters above a support surface or it is not accessible at anytime in a safe manner. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(h)(1)]

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360	[40 CFR 63.173(h)(3)]	Agitators in gas/vapor service or light liquid service (difficult-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Maintain a written plan that requires monitoring of the agitator at least once per calendar year. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(h)(3)] Which Months: All Year Statistical Basis: None specified
361	[40 CFR 63.173(j)(1)]	Agitators in gas/vapor service or light liquid service (unsafe-to-monitor): Demonstrate that the agitator is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.173(a) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(j)(1)]
362	[40 CFR 63.173(j)(2)]	Agitators in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the agitator as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(j)(2)] Which Months: All Year Statistical Basis: None specified
363	[40 CFR 63.174(b)(1)]	Connectors in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within 12 months after the compliance date, except as provided in 40 CFR 63.174(f) through (h). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(b)(1)] Which Months: All Year Statistical Basis: None specified
364	[40 CFR 63.174(b)(2)]	Connectors in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within the first 12 months after initial startup or by no later than 12 months after the date of promulgation of a specific subpart that references 40 CFR 63 Subpart H, whichever is later, except as specified in 40 CFR 63.174(f) through (h). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(b)(2)] Which Months: All Year Statistical Basis: None specified
365	[40 CFR 63.174(b)(3)(i)]	Connectors in gas/vapor service or light liquid service (0.5% or greater leaking): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Subpart H. [40 CFR 63.174(b)(3)(i)] Which Months: All Year Statistical Basis: None specified
366	[40 CFR 63.174(b)(3)(ii)]	Connectors in gas/vapor service or light liquid service (less than 0.5% leaking): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once every two years. Subpart H. [40 CFR 63.174(b)(3)(ii)] Which Months: All Year Statistical Basis: None specified
367	[40 CFR 63.174(c)(1)(i)]	Connectors in gas/vapor service or light liquid service (opened or otherwise had the seal broken): Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 within three months after being returned to organic HAP service or when it is reconnected. If monitoring detects a leak, repair according to the provisions of 40 CFR 63.174(d), as specified, except as provided in 40 CFR 63.174(c)(1)(ii). Subpart H. [40 CFR 63.174(c)(1)(i)] Which Months: All Year Statistical Basis: None specified
368	[40 CFR 63.174(c)(2)(i)]	Connectors in gas/vapor service or light liquid service (2 inches or less in nominal diameter): Comply with the requirements of 40 CFR 63.169. Subpart H. [40 CFR 63.174(c)(2)(i)]

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369	[40 CFR 63.174(c)(2)(ii)]	Connectors in gas/vapor service or light liquid service (2 inches or less in nominal diameter): Organic HAP monitored by technically sound method within three months after being returned to organic HAP service after having been opened or otherwise had the seal broken. If monitoring detects a leak, implement repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(c)(2)(ii)] Which Months: All Year Statistical Basis: None specified
370	[40 CFR 63.174(d)]	Connectors in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171 and 63.174(g). Subpart H. [40 CFR 63.174(d)]
371	[40 CFR 63.174(f)(1)]	Connectors in gas/vapor service or light liquid service (unsafe-to-monitor): Demonstrate that the connector is unsafe to monitor because personnel would be exposed to an immediate danger as a result of complying with 40 CFR 63.174(a) through (c). Comply with this requirement instead of the requirements in 40 CFR 63.174(a). Subpart H. [40 CFR 63.174(f)(1)]
372	[40 CFR 63.174(f)(2)]	Connectors in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of connectors as frequently as practicable during safe to monitor times, but not more frequently than the periodic schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.174(a). Subpart H. [40 CFR 63.174(f)(2)] Which Months: All Year Statistical Basis: None specified
373	[40 CFR 63.174(g)]	Connectors in gas/vapor service or light liquid service (unsafe-to-repair): Demonstrate that repair personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.174(d). Comply with this requirement instead of the requirements in 40 CFR 63.174(a), (d), and (e). Subpart H. [40 CFR 63.174(g)]
374	[40 CFR 63.174(h)(2)]	Connectors in gas/vapor service or light liquid service (inaccessible, ceramic, or ceramic-lined): Make a first attempt at repair within 5 days after leak is detected by visual, audible, olfactory or other means, and complete repairs no later than 15 calendar days after leak is detected, except as provided in 40 CFR 63.171 and 63.174(g). Comply with this requirement instead of the monitoring requirements of 40 CFR 63.174(a) and (c) and from the recordkeeping and reporting requirements of 40 CFR 63.181 and 63.182. Subpart H. [40 CFR 63.174(h)(2)]
375	[40 CFR 63.174(i)]	Connectors in gas/vapor service or light liquid service: Calculate percent leaking connectors as specified in 40 CFR 63.174(i)(1) and (i)(2). Subpart H. [40 CFR 63.174(i)]
376	[40 CFR 63.180]	Comply with the test methods and procedures requirements provided in 40 CFR 63.180. Subpart H.
377	[40 CFR 63.181]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records as specified in 40 CFR 63.181(a) through (k). Subpart H.
378	[40 CFR 63.182(b)]	Submit Initial Notification: Due within 120 days after the date of promulgation of the subpart that references 40 CFR 63 Subpart H. Include the information specified in 40 CFR 63.182(b)(1). Subpart H. [40 CFR 63.182(b)]
379	[40 CFR 63.182(b)]	Submit Initial Notification: Due within 90 days after the date of promulgation of the subpart that references 40 CFR 63 Subpart H. Include the information specified in 40 CFR 63.182(b)(1). Subpart H. [40 CFR 63.182(b)]
380	[40 CFR 63.182(b)]	Submit application: Due as soon as practicable before the construction or reconstruction is planned to commence (but it need not be sooner than 90 days after the date of promulgation of the subpart that references 40 CFR 63 Subpart H). Submit application for approval of construction or reconstruction required by 40 CFR 63.5(d) in lieu of the Initial Notification. Subpart H. [40 CFR 63.182(b)]
381	[40 CFR 63.182(c)]	Submit Notification of Compliance Status: Due within 90 days of the compliance dates specified in the 40 CFR 63 subpart that references 40 CFR 63 Subpart H. Include the information specified in 40 CFR 63.182(c)(1) through (c)(3). Subpart H. [40 CFR 63.182(c)]

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382	[40 CFR 63.182(d)]	Submit Periodic Reports: Due semiannually starting 6 months after the Notification of Compliance Status, as required in 40 CFR 63.182(c). Include the information specified in 40 CFR 63.182(d)(2) through (d)(4). Subpart H. [40 CFR 63.182(d)]
383	[LAC 33:III.501.C.6]	The number of each type of component required to be monitored for each monitoring period under applicable leak detection and repair programs shall be reported to the LDEQ by inclusion with each periodic monitoring report. Fugitive emission piping components may be added to or removed from the permitted units without triggering the need to apply for a permit modification, provided: a) Changes in components involve routine maintenance or are undertaken to address safety concerns, or involve small piping revisions with no associated emissions increase except from the fugitive emission components themselves; b) The changes do not involve any associated increase in production rate or capacity, or tie in of new or modified process equipment other than the piping components; c) Actual emissions following the changes will not exceed the emission limits contained in this permit; and d) The components are promptly incorporated into any applicable leak detection or repair program.
384	[LAC 33:III.501]	Comply with the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with 40 CFR 63 Subpart H.

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385	[40 CFR 60.]	All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
386	[40 CFR 61.145(b)(1)]	Provide DEQ with written notice of intention to demolish or renovate prior to performing activities to which 40 CFR 61 Subpart M applies. Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. Subpart M. [40 CFR 61.145(b)(1)]
387	[40 CFR 61.148]	Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. Subpart M.
388	[40 CFR 61.355]	Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF.
389	[40 CFR 61.356]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency Maintain records as specified in 40 CFR 61.356(a) through (n), as applicable. Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF.
390	[40 CFR 61.357(a)]	Submit report: Due within 90 days after January 7, 1993. Submit a report that summarizes the regulatory status of each waste stream subject to 40 CFR 61.342 and is determined by the procedures specified in 40 CFR 61.355(c) to contain benzene. Include the information specified in 40 CFR 61.357(a)(1) through (a)(4). If there is no benzene onsite in wastes, products, by-products, or intermediates, submit an initial report that is a statement to this effect. Subpart FF. [40 CFR 61.357(a)]
391	[40 CFR 61.357(b)]	Submit report: Due whenever there is a change in the process generating the waste stream that could cause the total annual benzene quantity from facility waste to increase to 1 Mg/yr (1.1 ton/yr) or more. Submit updates to the information listed in 40 CFR 61.357(a)(1) through (a)(3). Subpart FF. [40 CFR 61.357(b)]
392	[40 CFR 61.]	All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A.
393	[40 CFR 63.151(b)]	Submit Initial Notification: Due in writing within 120 calendar days after the date of promulgation of 40 CFR 63 Subpart G. Include the information specified in 40 CFR 63.151(b)(1)(i) through (b)(1)(v). Subpart G. [40 CFR 63.151(b)]

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394	[40 CFR 63.151(b)]	Submit application for approval of construction or reconstruction required by 40 CFR 63.5(d) in lieu of an Initial Notification. Submit application as soon as practicable before construction or reconstruction is planned to commence (but it need not be sooner than 90 calendar days after the date of promulgation of 40 CFR 63 Subpart G). Include the information specified in 40 CFR 63.151(b)(1)(i) through (b)(1)(v). Subpart G. [40 CFR 63.151(b)]
395	[40 CFR 63.152(c)]	Submit Periodic Reports: Due semiannually no later than 60 calendar days after the end of each 6-month period, except as specified in 40 CFR 63.152(c)(5) and (c)(6). Submit the first report no later than 8 months after the date the Notification of Compliance Status is due. Include the information specified in 40 CFR 63.152(c)(2) through (c)(4). Subpart G. [40 CFR 63.152(c)]
396	[40 CFR 63.152(f)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records as specified in 40 CFR 63.152(f)(1) through (f)(7). Subpart G. [40 CFR 63.152(f)]
397	[40 CFR 63.1]	All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A.
398	[40 CFR 63.2435]	All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart FFFF by the compliance date as published in the Federal Register.
399	[40 CFR 63.2450(a)]	Be in compliance with the emission limits and work practice standards in 40 CFR 63 Subpart FFFF Tables 1 through 7 at all times, except during periods of startup, shutdown, and malfunction. Subpart FFFF. [40 CFR 63.2450(a)]
400	[40 CFR 63.2450(q)]	Submit documentation in the precompliance report explaining why an undue safety hazard would be created if the air emission controls were installed, and describe the procedures that will be implemented to minimize HAP emissions from these vent streams, if an emission stream contains energetics or organic peroxides that, for safety reasons, cannot meet an applicable emission limit specified in 40 CFR 63 Subpart FFFF Tables 1 through 7. Subpart FFFF. [40 CFR 63.2450(q)]
401	[40 CFR 63.2515(a)]	Submit all of the notifications in 40 CFR 63.6(h)(4) and (h)(5), 63.7(b) and (c), 63.8(e), (f)(4) and (f)(6), and 63.9(b) through (h) by the dates specified, as applicable. Subpart FFFF. [40 CFR 63.2515(a)]
402	[40 CFR 63.2515(c)]	Submit notification of intent to conduct a performance test: Due at least 60 calendar days before the performance test is scheduled to begin as required in 40 CFR 63.7(b)(1), if required to conduct a performance test. Subpart FFFF. [40 CFR 63.2515(c)]
403	[40 CFR 63.2520(a)]	Submit Compliance Report: Due semiannually by August 31 and February 28. Include the information specified in 40 CFR 63.2520(e)(1) through (e)(10). Subpart FFFF. [40 CFR 63.2520(a)]
404	[40 CFR 63.2520(a)]	Submit Notification of Compliance Status Report: Due no later than 150 days after the compliance date specified in 40 CFR 63.2445. Include the information specified in 40 CFR 63.2520(d)(2)(i) through (d)(2)(ix). Subpart FFFF. [40 CFR 63.2520(a)]
405	[40 CFR 63.2520(a)]	Submit Precompliance Report: Due at least six months prior to the compliance date. Include the information specified in 40 CFR 63.2520(c)(1) through (c)(7), as applicable. Subpart FFFF. [40 CFR 63.2520(a)]
406	[40 CFR 63.2525]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.
407	[40 CFR 63.]	All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 12 of 40 CFR 63 Subpart FFFF.
408	[40 CFR 68.12(b)(1)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Document that the nearest public receptor is beyond the distance to a toxic or flammable endpoint defined in 68.22. [40 CFR 68.12(b)(1)]
409	[40 CFR 68.12(b)(2)]	Complete the five-year accident history for the process as provided in 68.42. [40 CFR 68.12(b)(2)]
410	[40 CFR 68.12(b)(3)]	Ensure that response actions have been coordinated with local emergency planning and response agencies. [40 CFR 68.12(b)(3)]

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411	[40 CFR 68.12(b)(4)]	Include in the RMP the certification specified in 68.12(b)(4). [40 CFR 68.12(b)(4)]
412	[40 CFR 68.150]	Submit Risk Management Plan (RMP): Due no later than June 21, 1999, or three years after the date on which a regulated substance is first listed under 68.130, or the date on which a regulated substance is first present above a threshold quantity in a process. Submit in a method and format to a central point as specified by EPA prior to June 21, 1999.
413	[40 CFR 68.155]	Provide in the RMP an executive summary that includes a brief description of the elements listed in 68.155(a) through (g).
414	[40 CFR 68.160]	Complete a single registration form and include in the RMP. Cover all regulated substances handled in covered processes. Include in the registration the information specified in 68.160(b)(1) through (13).
415	[40 CFR 68.165]	Submit in the RMP information one worst-case release scenario for each Program 1 process. Include the data specified in 68.165(b)(1) through (13).
416	[40 CFR 68.168]	Submit in the RMP the information provided in 68.42(b) on each accident covered by 68.42(a).
417	[40 CFR 68.180]	Provide in the RMP the emergency response information listed in 68.180(a) through (c).
418	[40 CFR 68.190(c)]	Submit revised registration to EPA: Due within six months after a stationary source is no longer subject to 40 CFR 68. Indicate that the stationary source is no longer covered. [40 CFR 68.190(c)]
419	[40 CFR 68.190]	Review and update the RMP as specified in 68.190(b) and submit it in a method and format to a central point specified by EPA prior to June 21, 1999.
420	[40 CFR 68.200]	Maintain records supporting the implementation of 40 CFR 68 for five years unless otherwise provided.
421	[40 CFR 68.22]	Use the endpoints specified in 68.22(a) through (g) for analyses of offsite consequences.
422	[40 CFR 68.25]	Analyze the release scenarios in 68.25, as specified in 68.25(a) through (h).
423	[40 CFR 68.28]	Identify and analyze at least one alternative release scenario for each regulated toxic substance held in a covered process(es) and at least one alternative release scenario to represent all flammable substances held in covered processes, as specified in 68.28(b) through (e).
424	[40 CFR 68.30]	Estimate in the RMP the population within a circle with its center at the point of the release and a radius determined by the distance to the endpoint defined in 68.22(a).
425	[40 CFR 68.33]	List in the RMP environmental receptors within a circle with its center at the point of the release and a radius determined by the distance to the endpoint defined in 68.22(a).
426	[40 CFR 68.36(b)]	Submit revised RMP: Due within six months after changes in processes, quantities stored or handled, or any other aspect of the stationary source increase or decrease the distance to the endpoint by a factor of two or more. [40 CFR 68.36(b)]
427	[40 CFR 68.36]	Review and update the offsite consequence analyses at least once every five years. Complete a revised analysis within six months if changes in processes, quantities stored or handled, or any other aspect of the stationary source might reasonably be expected to increase or decrease the distance to the endpoint by a factor of two or more.
428	[40 CFR 68.39]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the records specified in 68.39(a) through (e) on the offsite consequence analyses.
429	[40 CFR 68.42]	Include in the five-year accident history all accidental releases from covered processes that resulted in deaths, injuries, or significant property damage on site, or known offsite deaths, injuries, evacuations, sheltering in place, property damage, or environmental damage. Include the information specified in 68.42(b)(1) through (10) for each accidental release.

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430	[40 CFR 82.Subpart F]	Comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B.
431	[LAC 33:III.1103]	Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
432	[LAC 33:III.1109.B]	Outdoor burning of waste material or other combustible material is prohibited.
433	[LAC 33:III.1303.B]	Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
434	[LAC 33:III.2113.A]	Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
435	[LAC 33:III.219]	Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
436	[LAC 33:III.2901.D]	Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
437	[LAC 33:III.2901.F]	If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
438	[LAC 33:III.501.C.6]	The Permittee shall control fugitive emissions of VOC by a monitoring program conforming to LAC 33:III.2121.
439	[LAC 33:III.5105.A.2]	Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109.B.
440	[LAC 33:III.5107.A.2]	Include a certification statement with the annual emission report and revisions to any emission report that attests that the information contained in the emission report is true, accurate, and complete, and that is signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official.
441	[LAC 33:III.5107.A]	Submit Annual Emissions Report: Due annually, by the 30th of April unless otherwise directed by DEQ, to the Office of Environmental Services in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.
442	[LAC 33:III.5151.F.1.f]	An individual or company contracted to perform a demolition or renovation activity which disturbs RACM must be recognized by the Licensing Board for Contractors to perform asbestos abatement, and shall meet the requirements of LAC 33:III.5151.F.2 and F.3 for each demolition or renovation activity.
443	[LAC 33:III.535]	Comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.535, LAC 33:III.537]
444	[LAC 33:III.5609.A.1.b]	Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 5 when the administrative authority declares an Air Pollution Alert.
445	[LAC 33:III.5609.A.2.b]	Activate the preplanned strategy listed in LAC 33:III.5611.Table 6 when the administrative authority declares an Air Pollution Warning.
446	[LAC 33:III.5609.A.3.b]	Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 7 when the administrative authority declares an Air Pollution Emergency.

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447	[LAC 33:III.5609.A]	Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611.Tables 5, 6, and 7.
448	[LAC 33:III.5901.A]	Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.
449	[LAC 33:III.5907]	Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur.
450	[LAC 33:III.5911.A]	Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III.Chapter 59, whichever is later. Include the information listed in LAC 33:III.5911.B, and submit to the Office of Environmental Compliance.
451	[LAC 33:III.5911.C]	Submit amended registration: Due to the Office of Environmental Compliance within 60 days after the information in the submitted registration is no longer accurate.
452	[LAC 33:III.919.F]	Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 30th of April for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Services. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-G.
453	[LAC 33:III.927]	Report the unauthorized discharge of any air pollutant into the atmosphere in accordance with LAC 33:I.Chapter 39, Notification Regulations and Procedures for Unauthorized Discharges. Submit written reports to the department pursuant to LAC 33:I.3925. Submit timely and appropriate follow-up reports detailing methods and procedures to be used to prevent similar atmospheric releases.